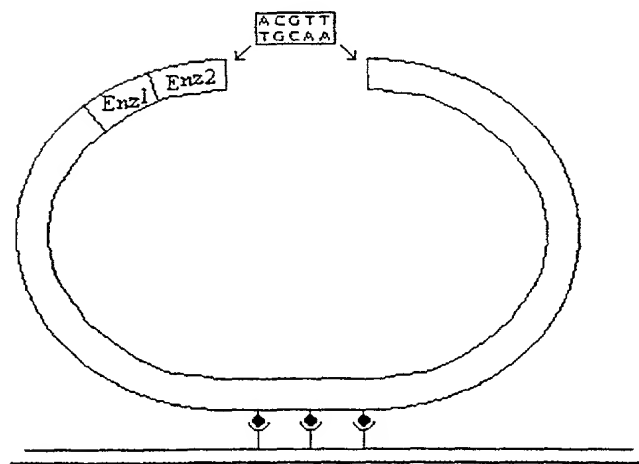


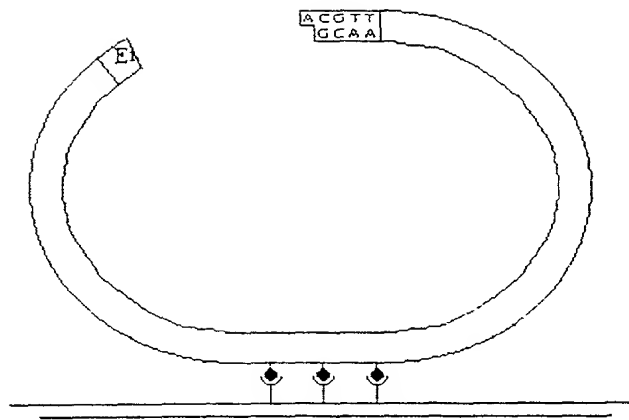
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FIG. 1

1) Ligate DNA pieces
with base vector



2) Generate overhangs
with Enz1 and Enz2



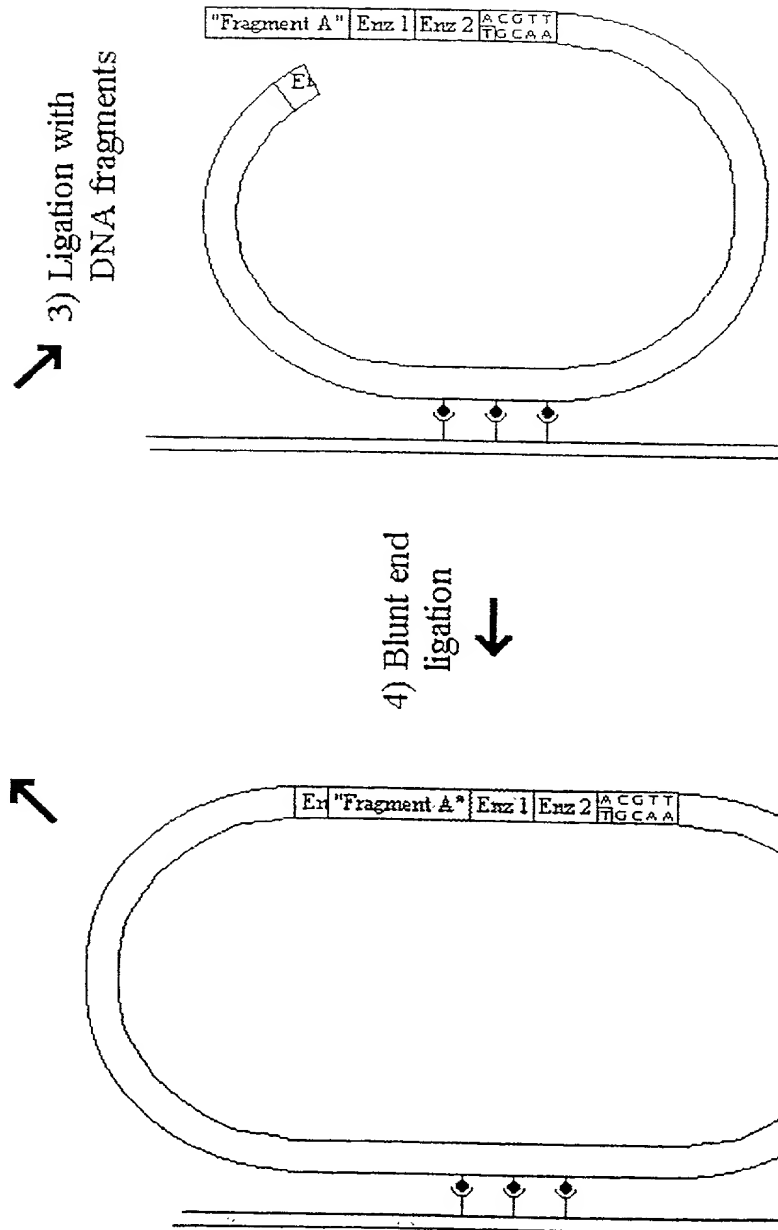


FIG. 1 CONT'D

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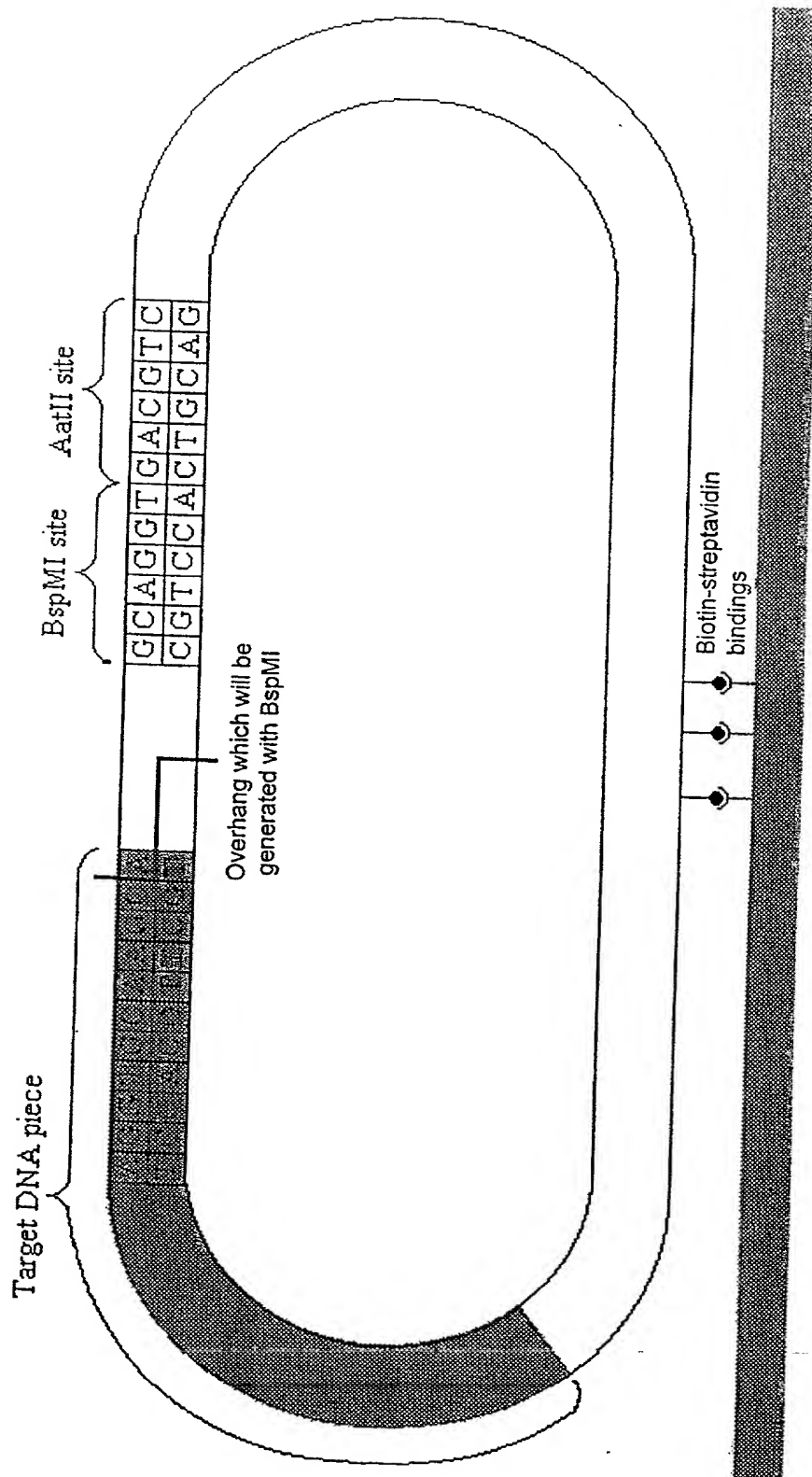


FIG. 2A

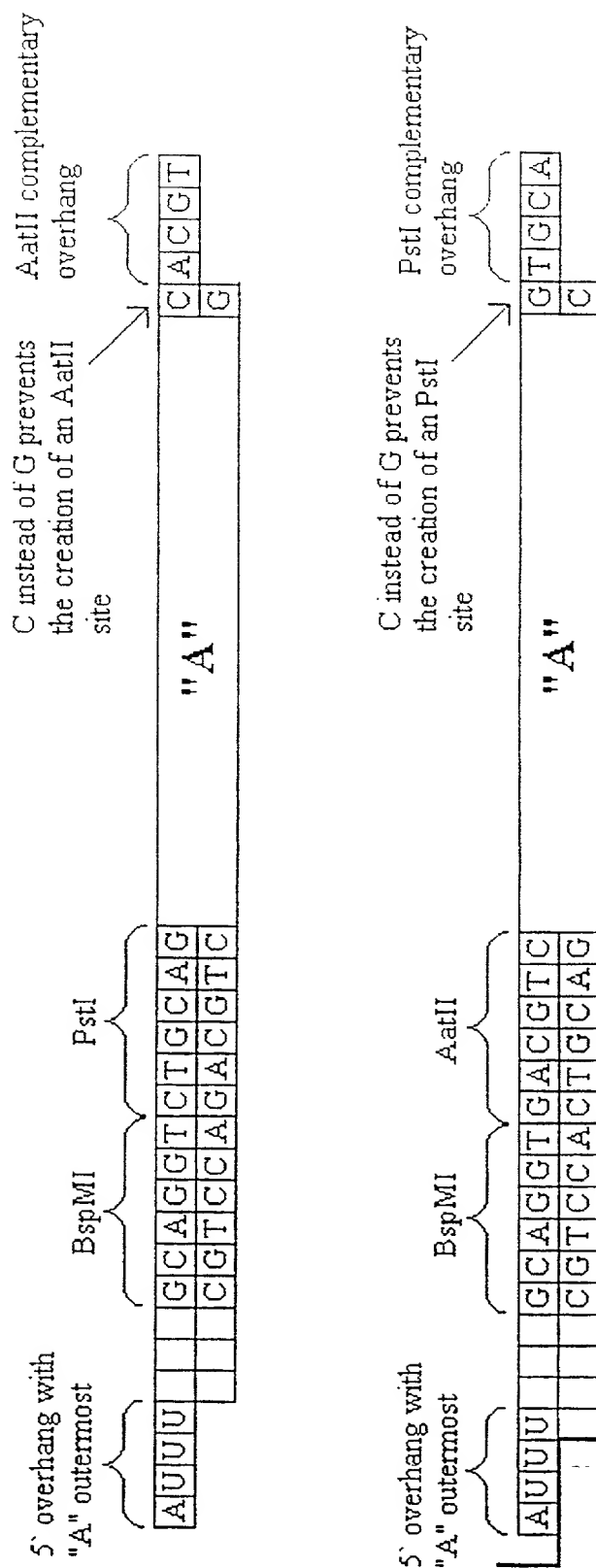
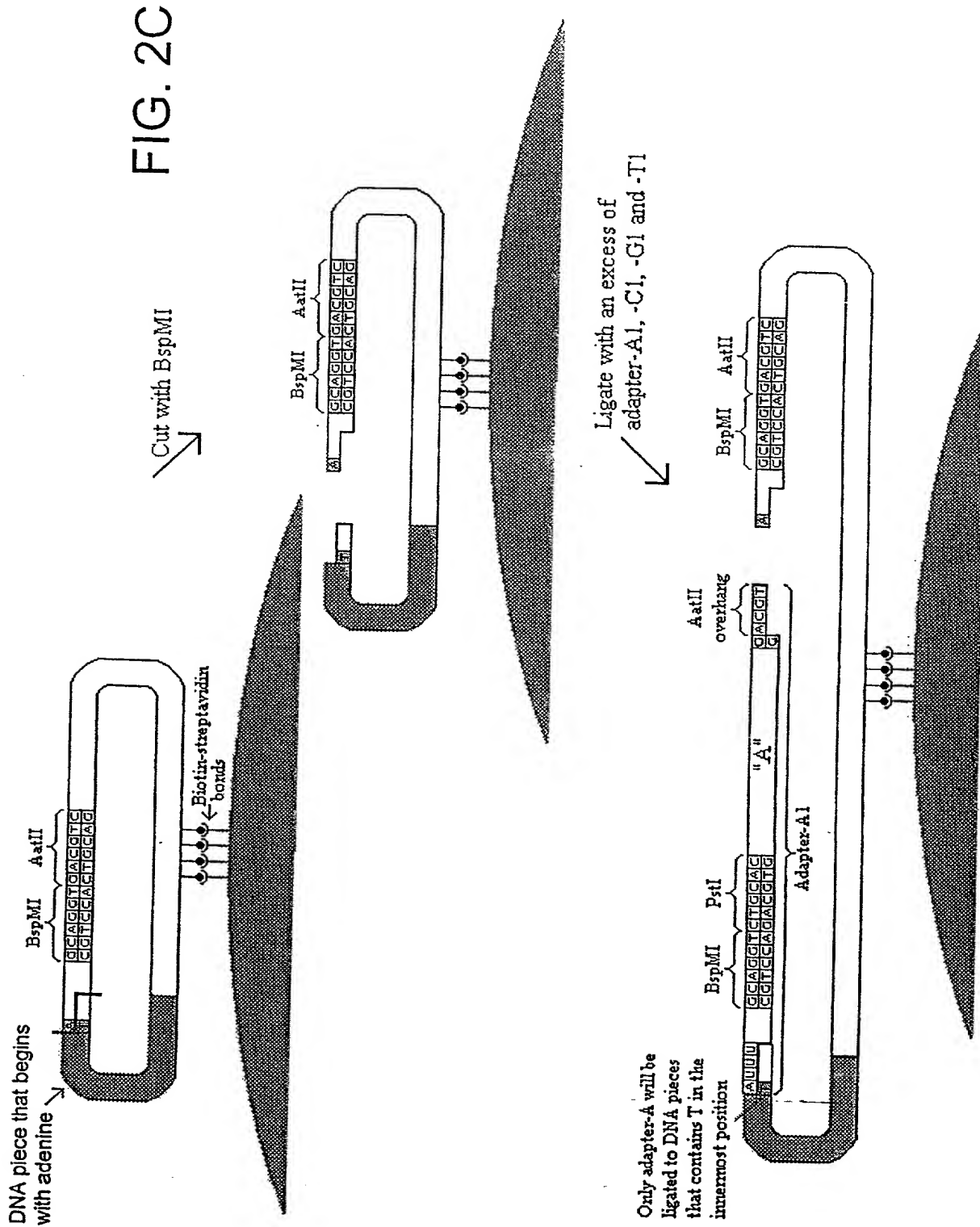


FIG. 2B

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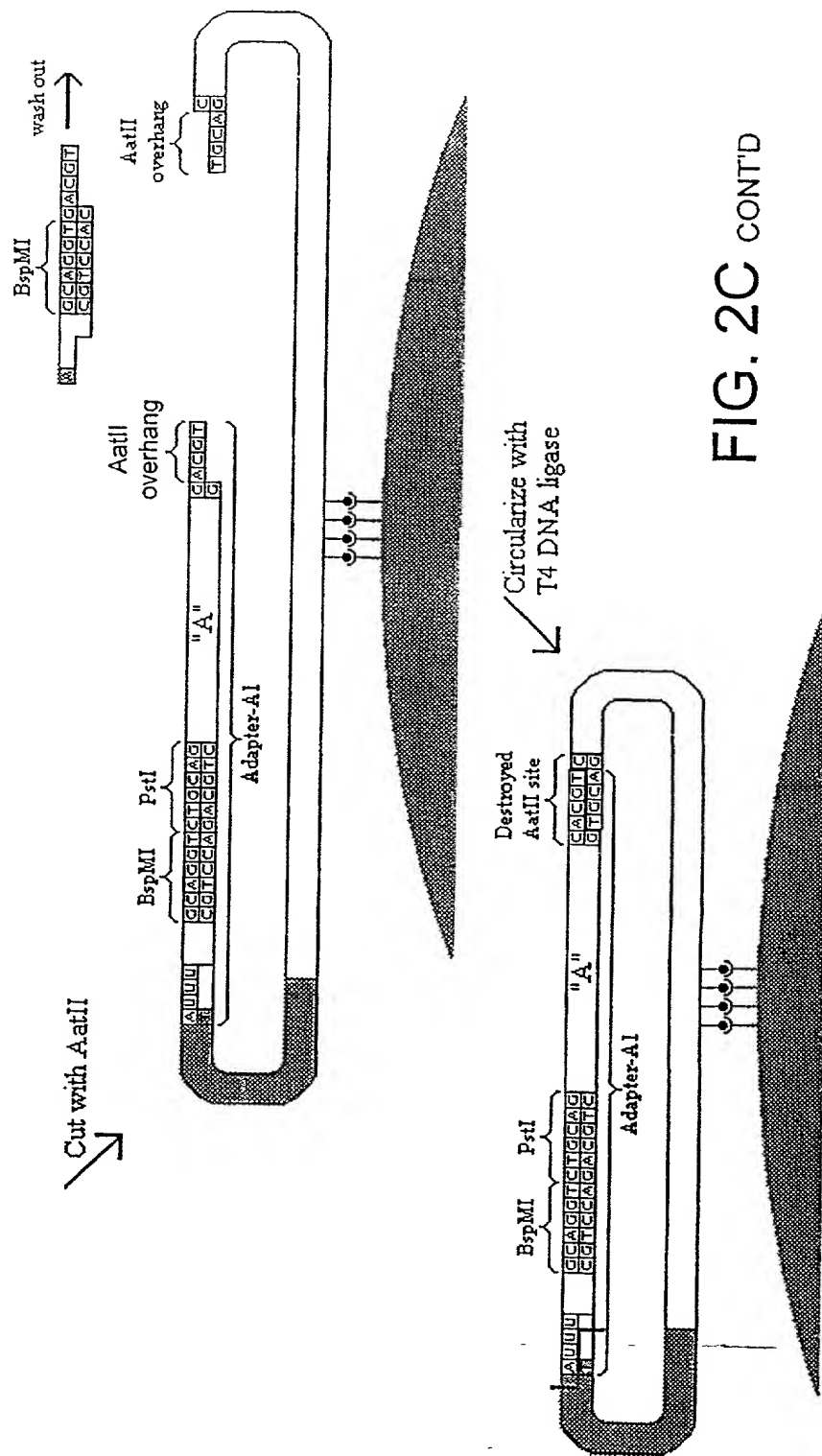


FIG. 2C CONT'D

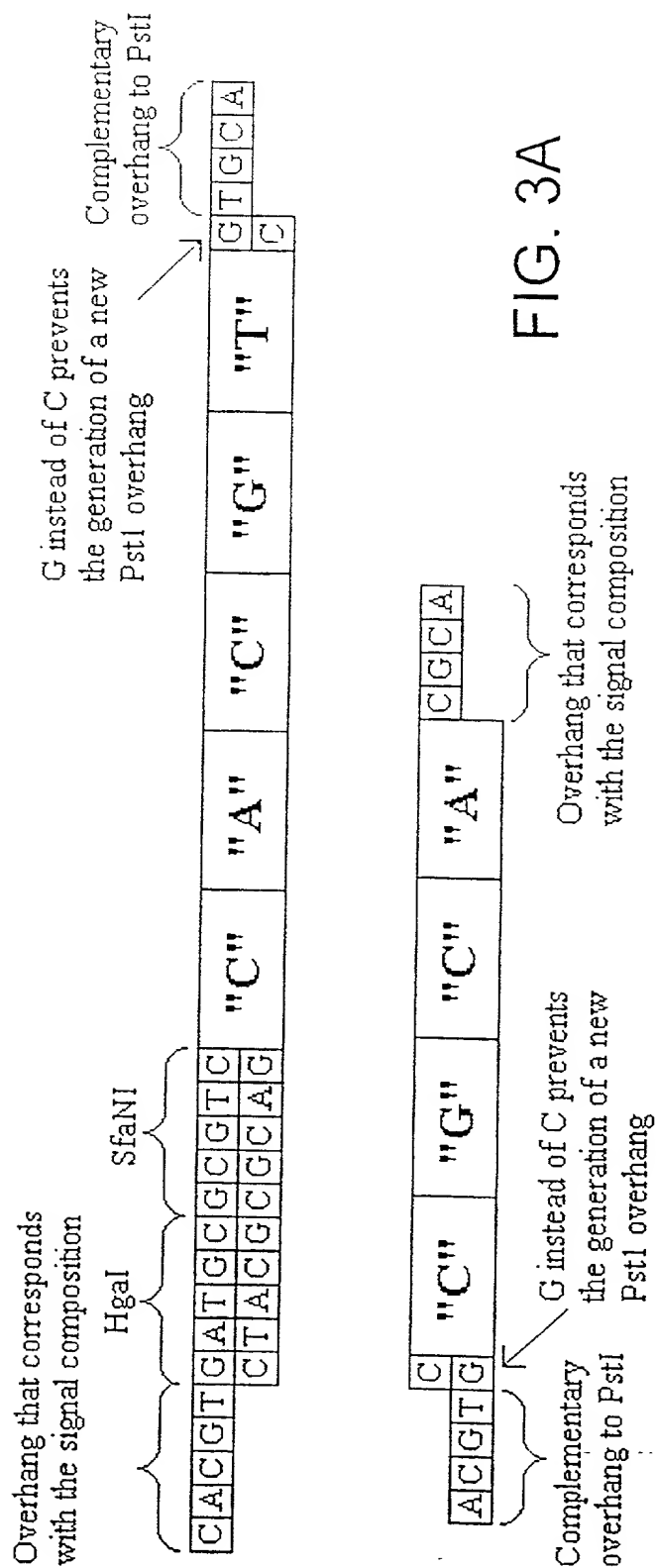
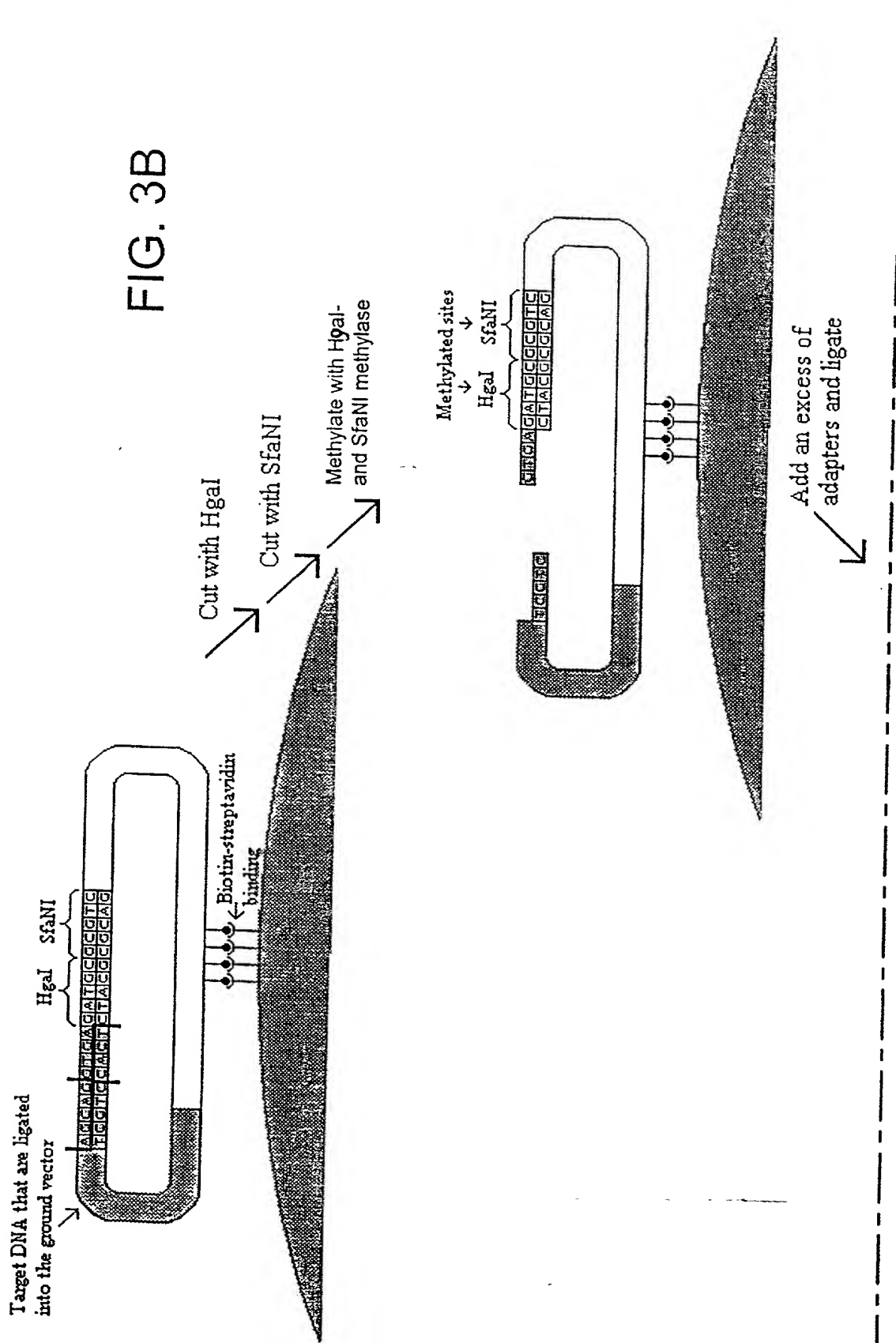


FIG. 3A

3B
F/G.



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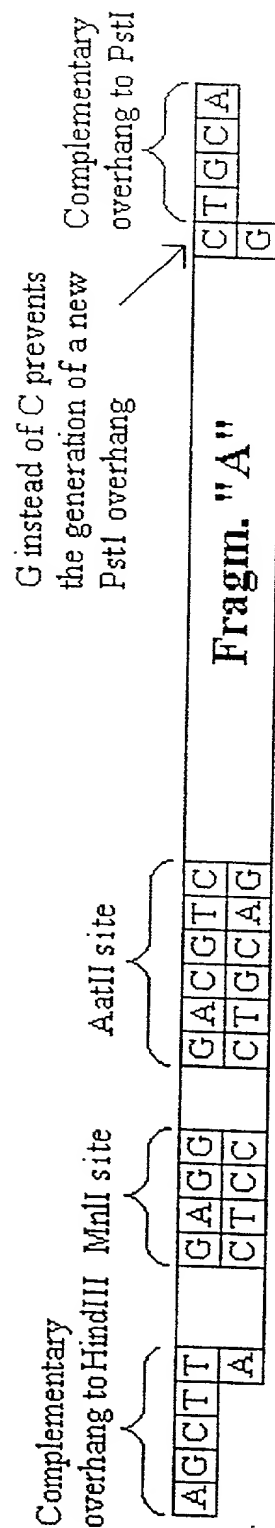
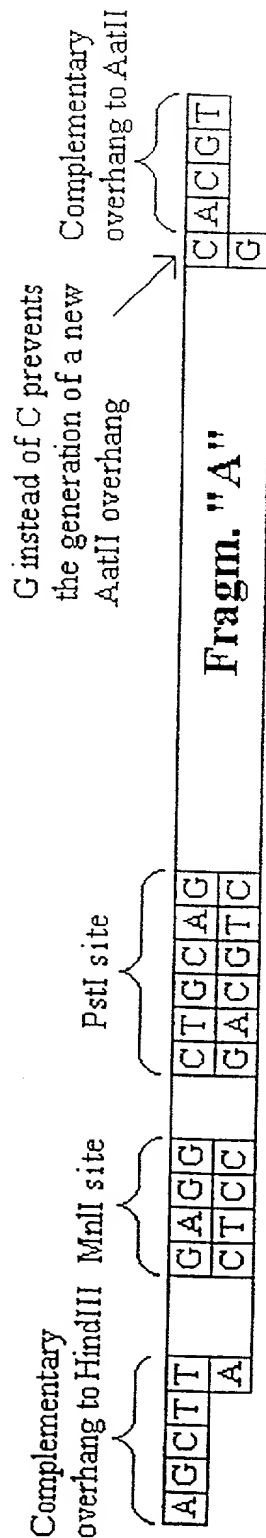


FIG. 4A

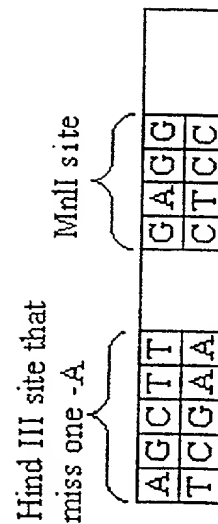


FIG. 4B

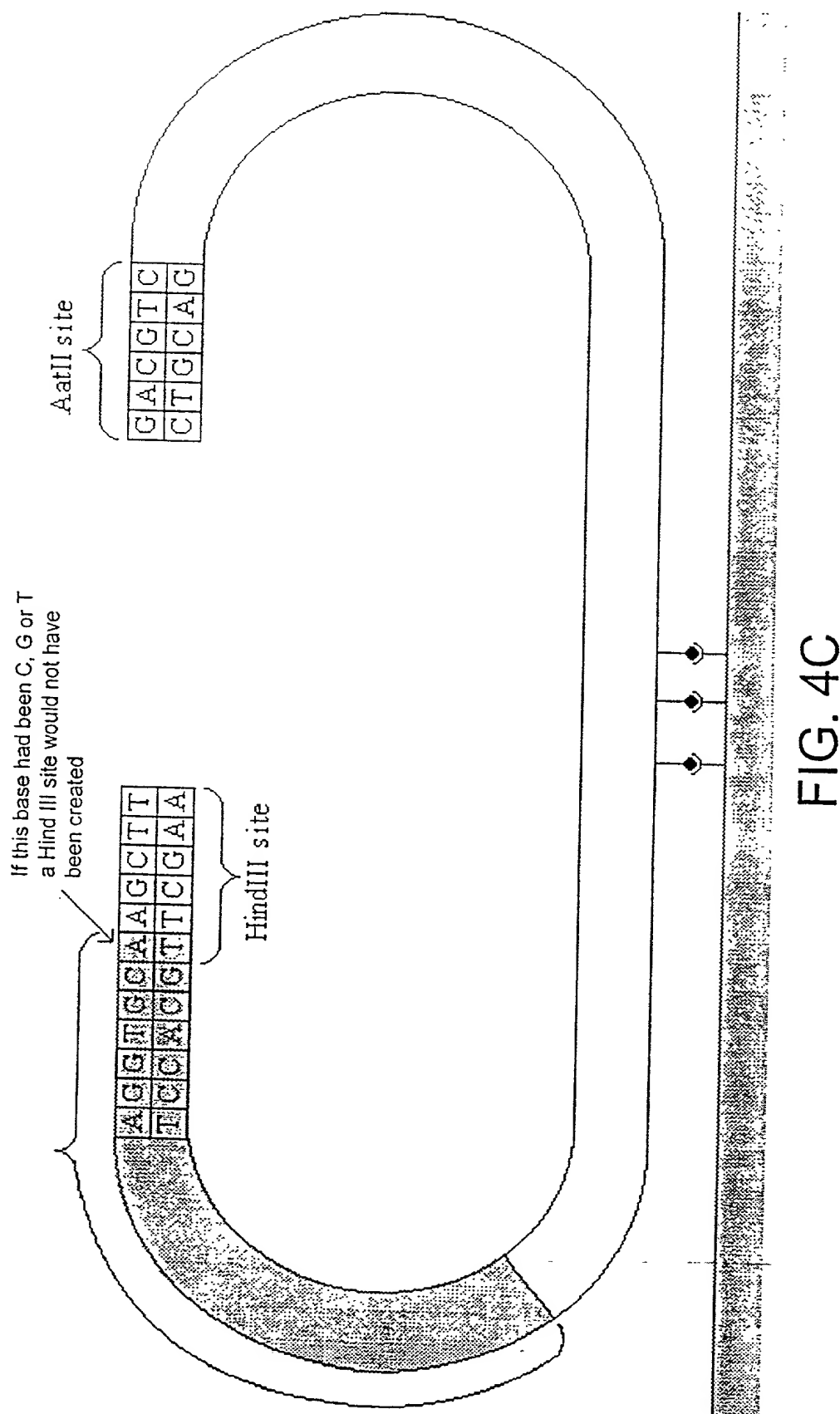


FIG. 4C

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FIG. 5A

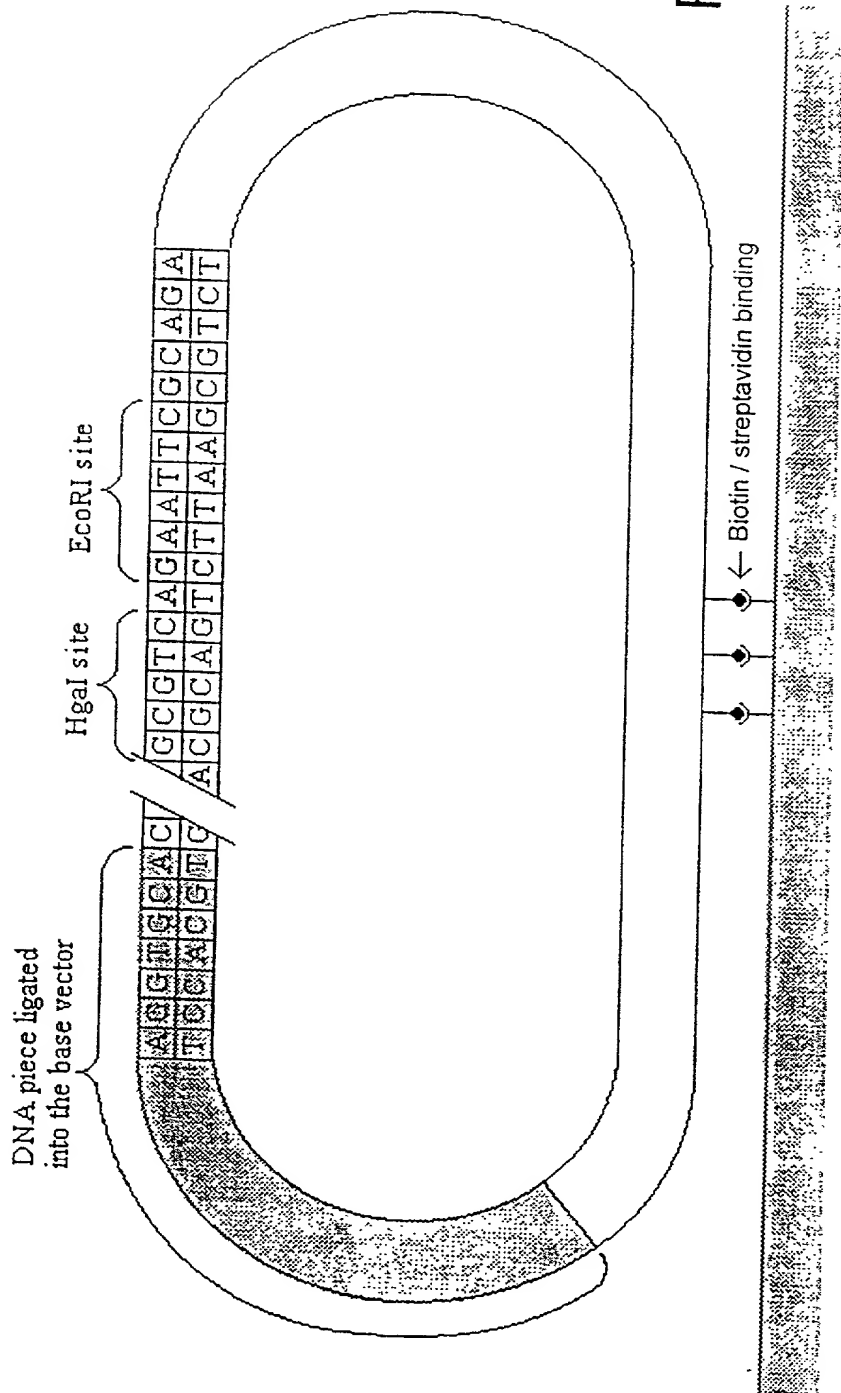
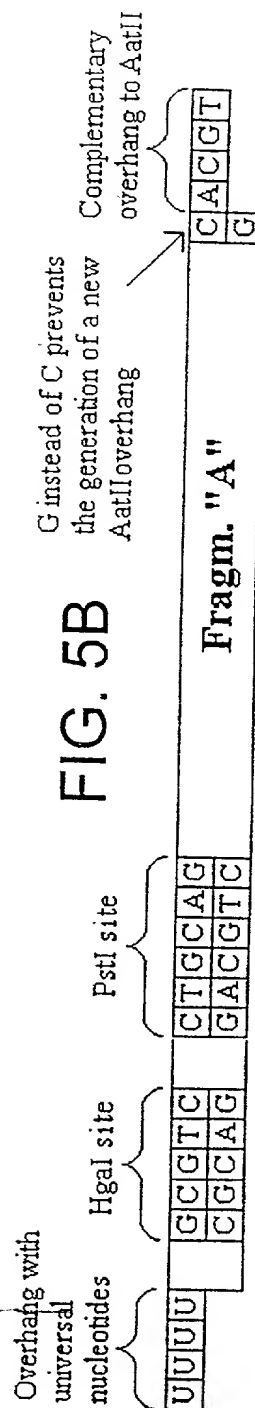


FIG. 5B



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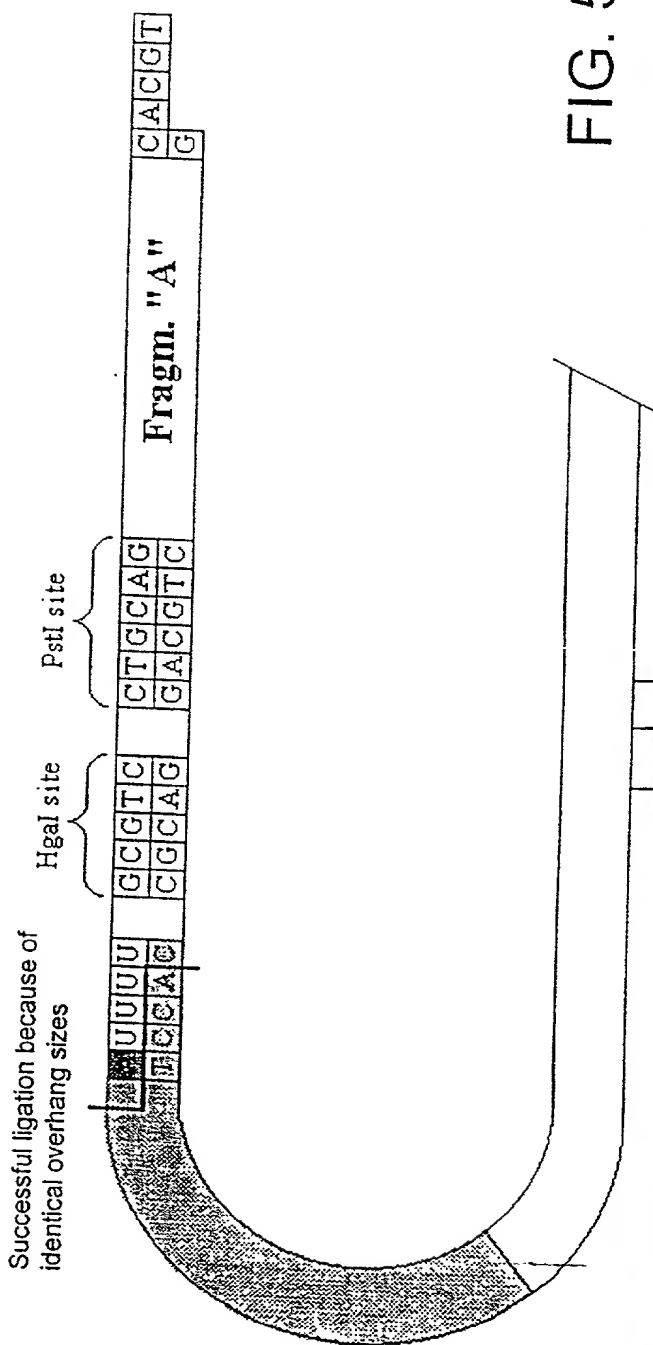
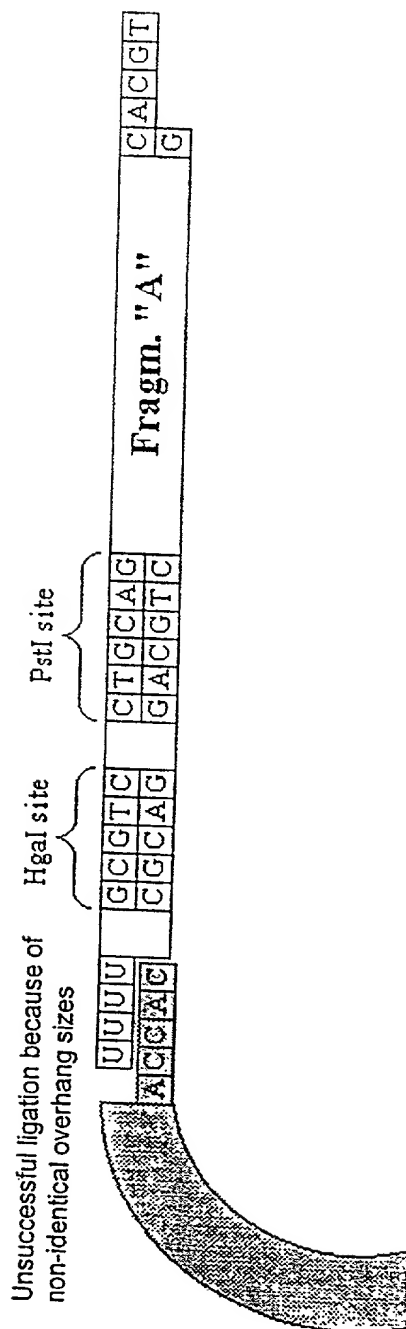
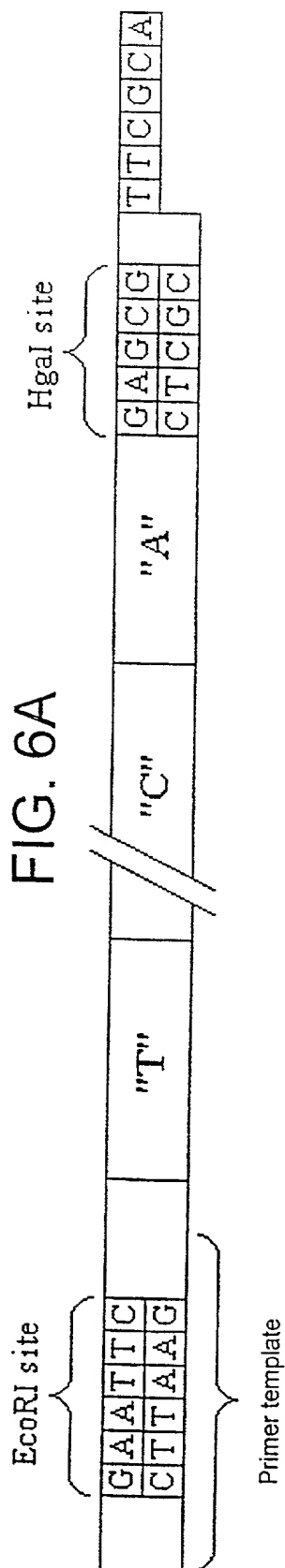


FIG. 5C

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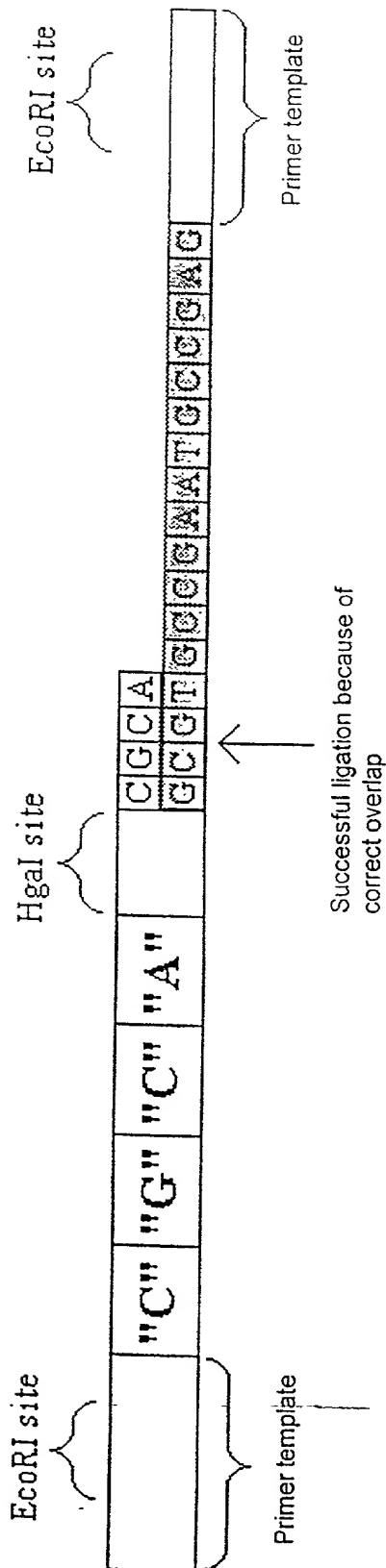
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Primer-
template

DNA piece



Successful ligation because of
correct overlap



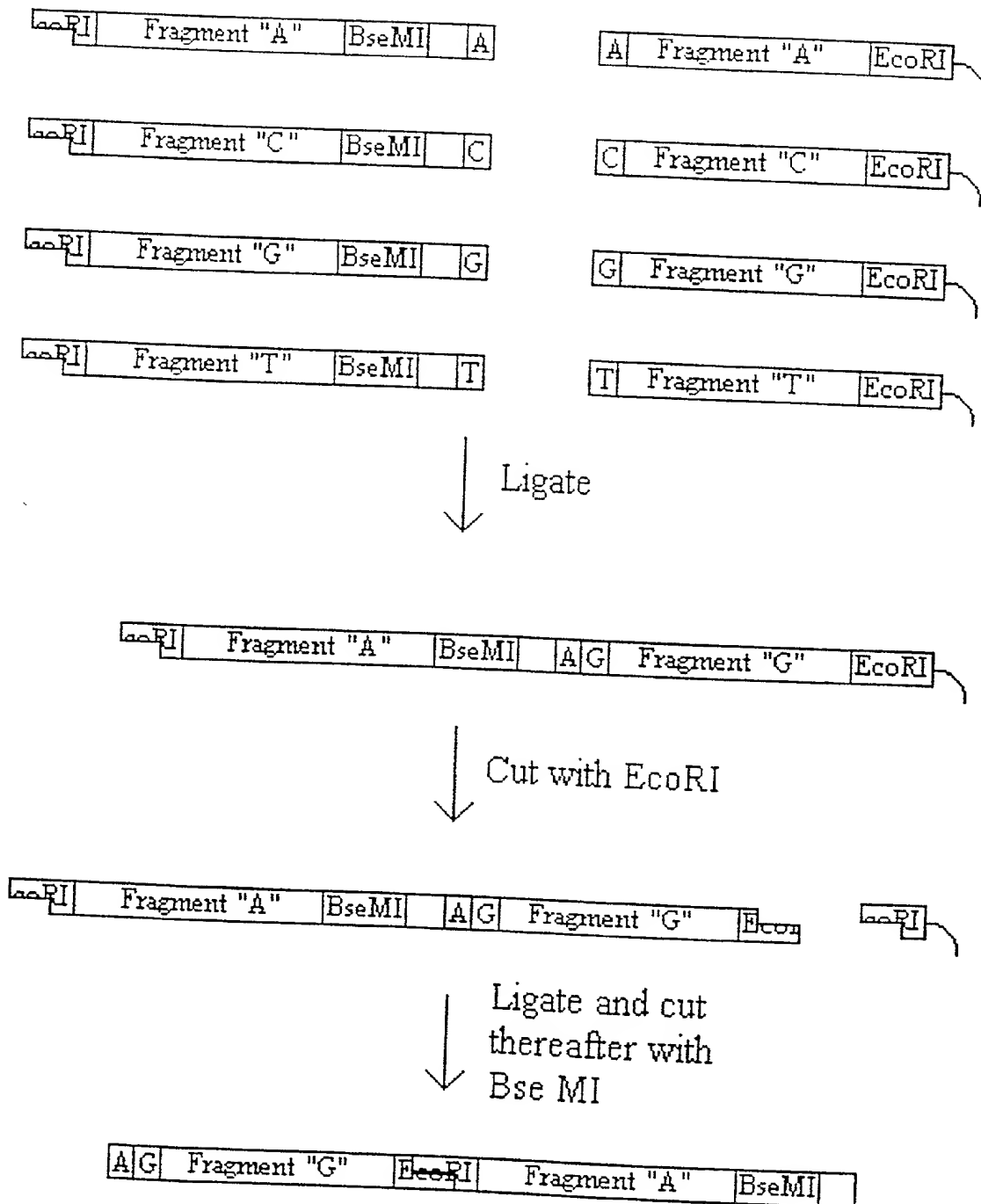


FIG. 8

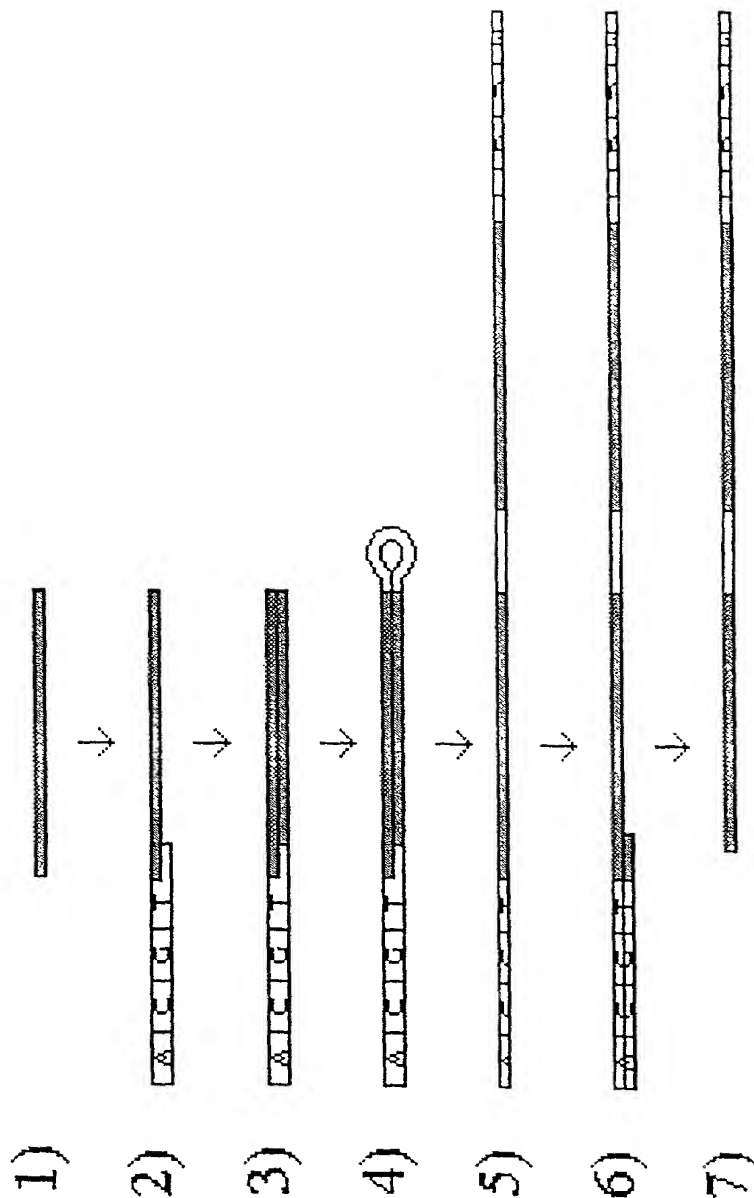


FIG. 9

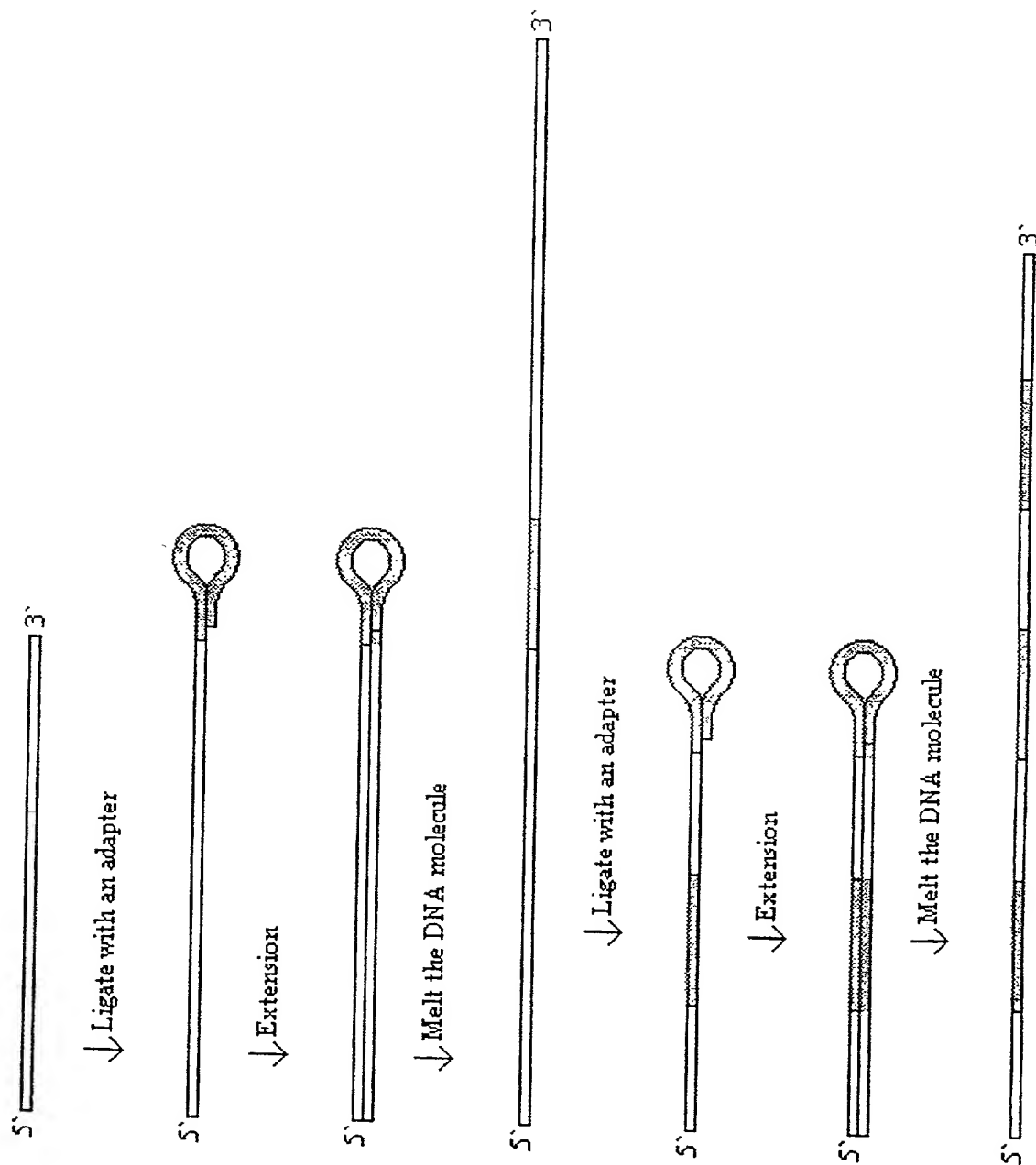


FIG. 11

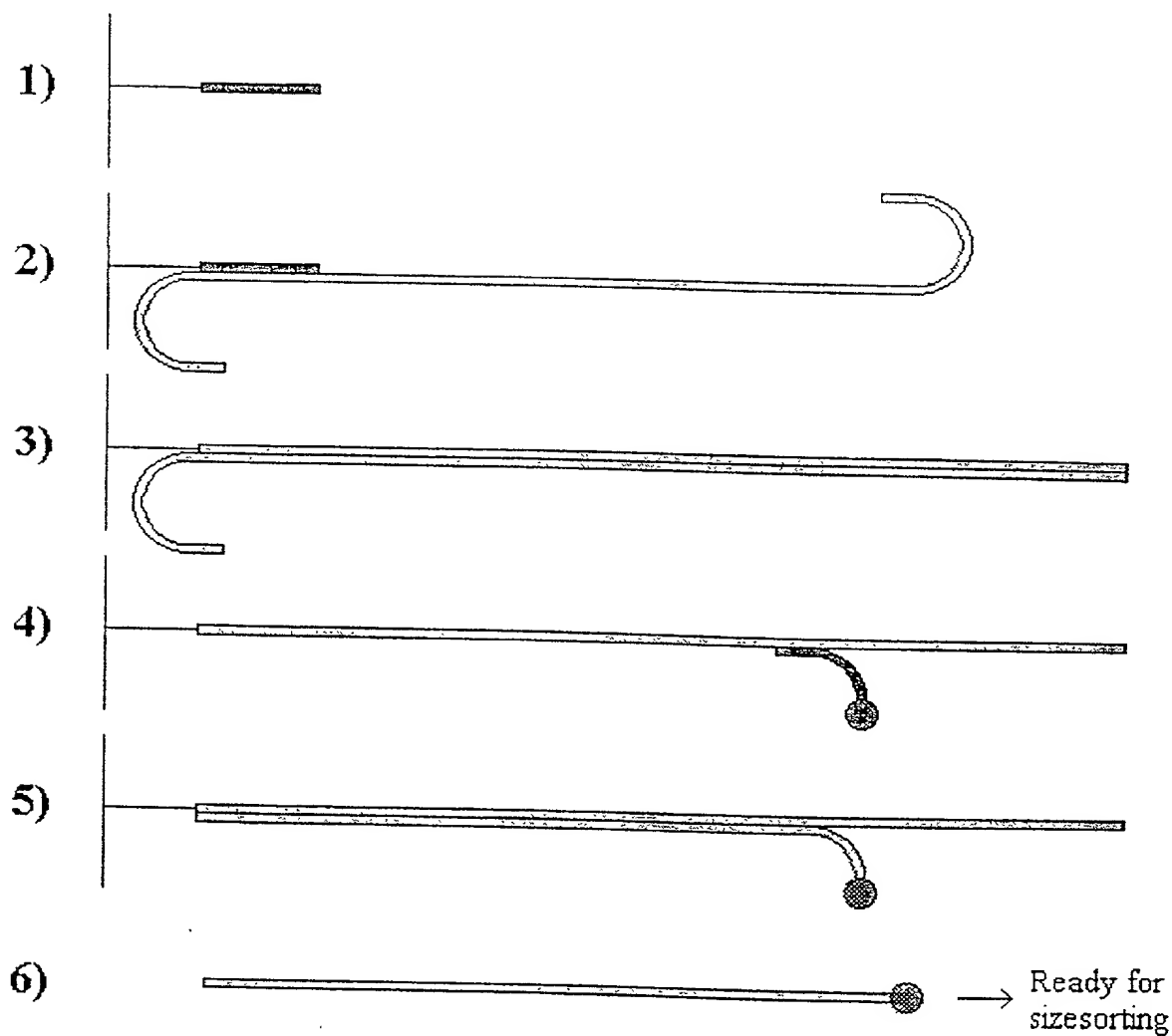
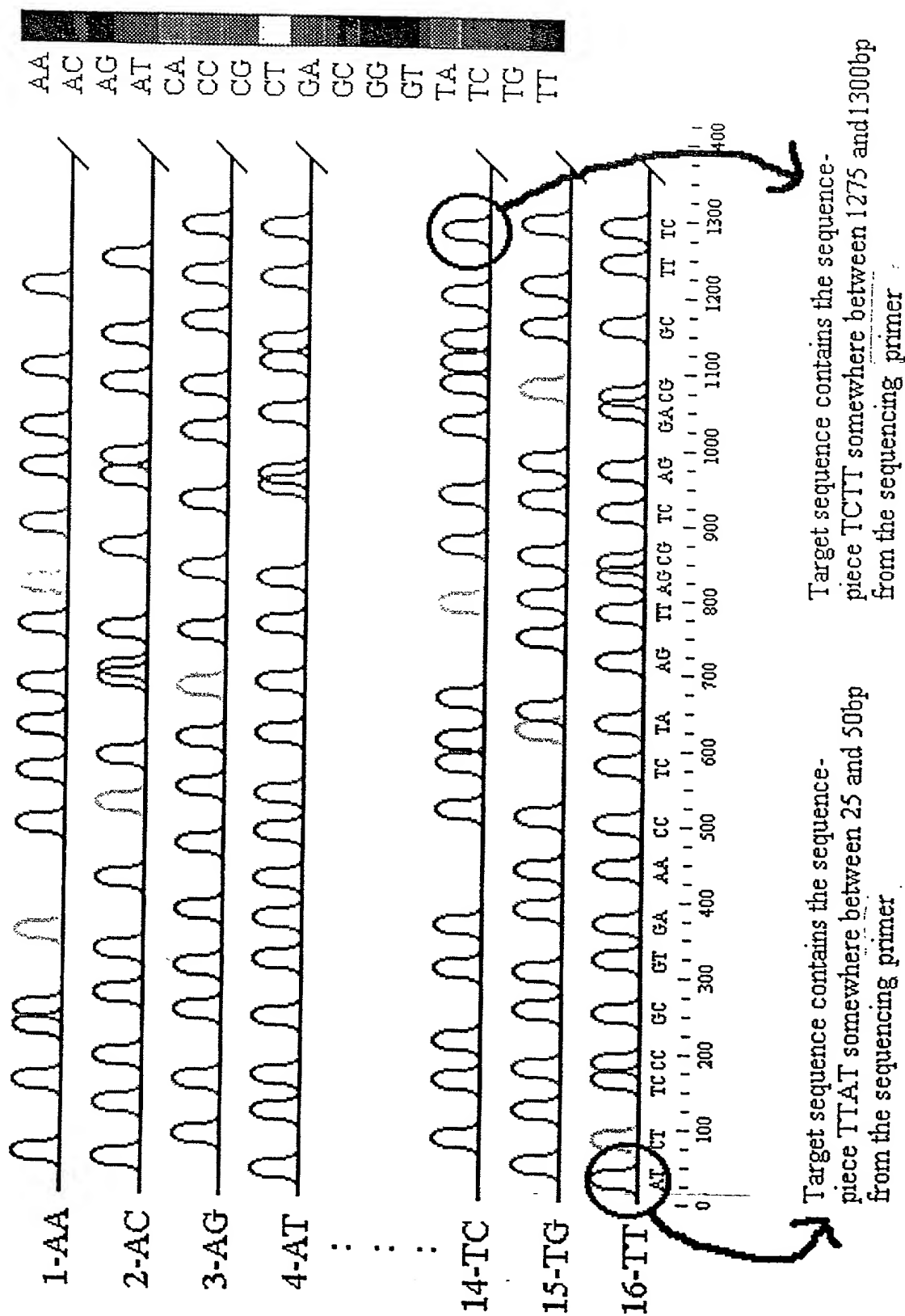


FIG. 12A



FIG. 12B

FIG. 12C



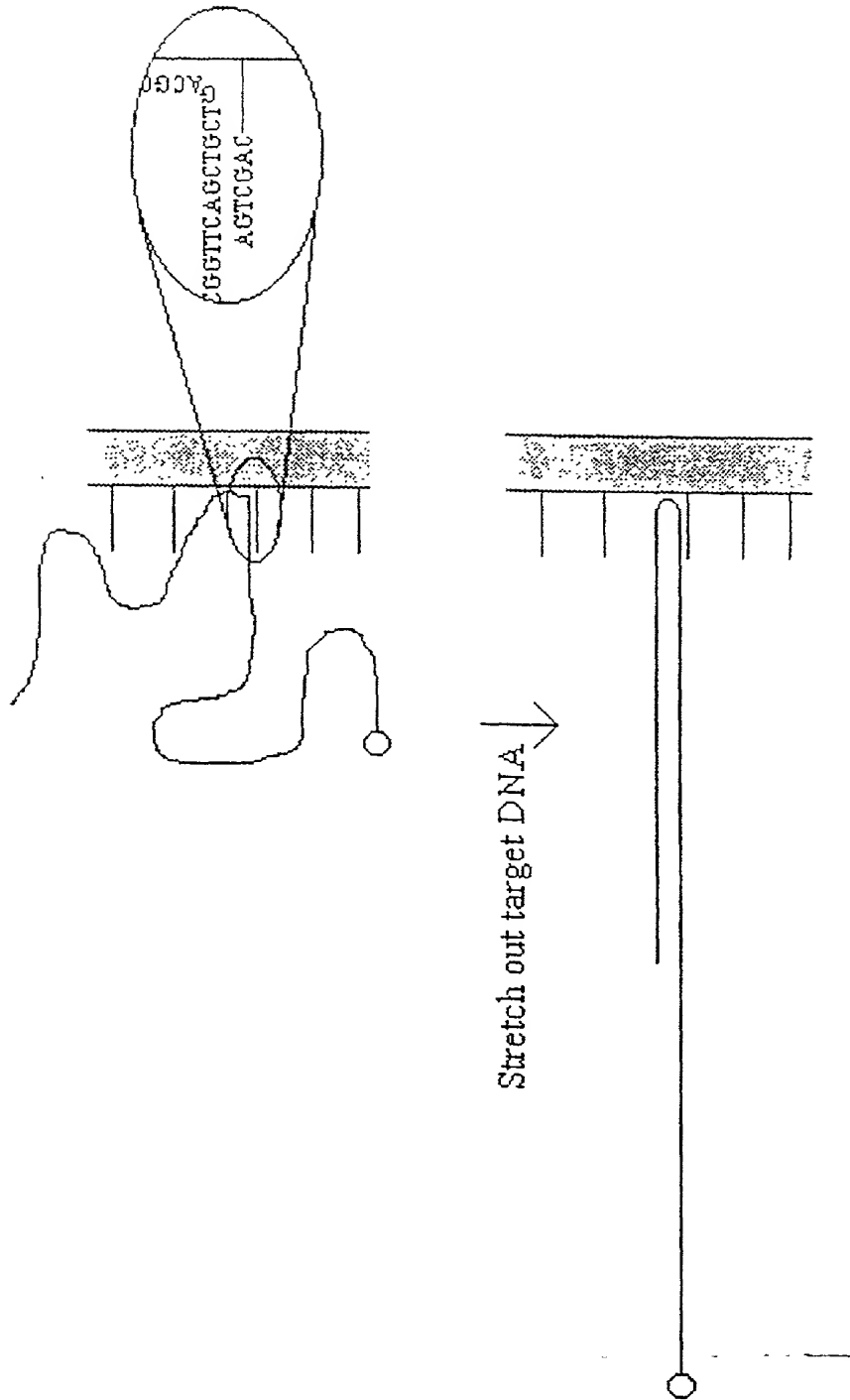


FIG. 13A

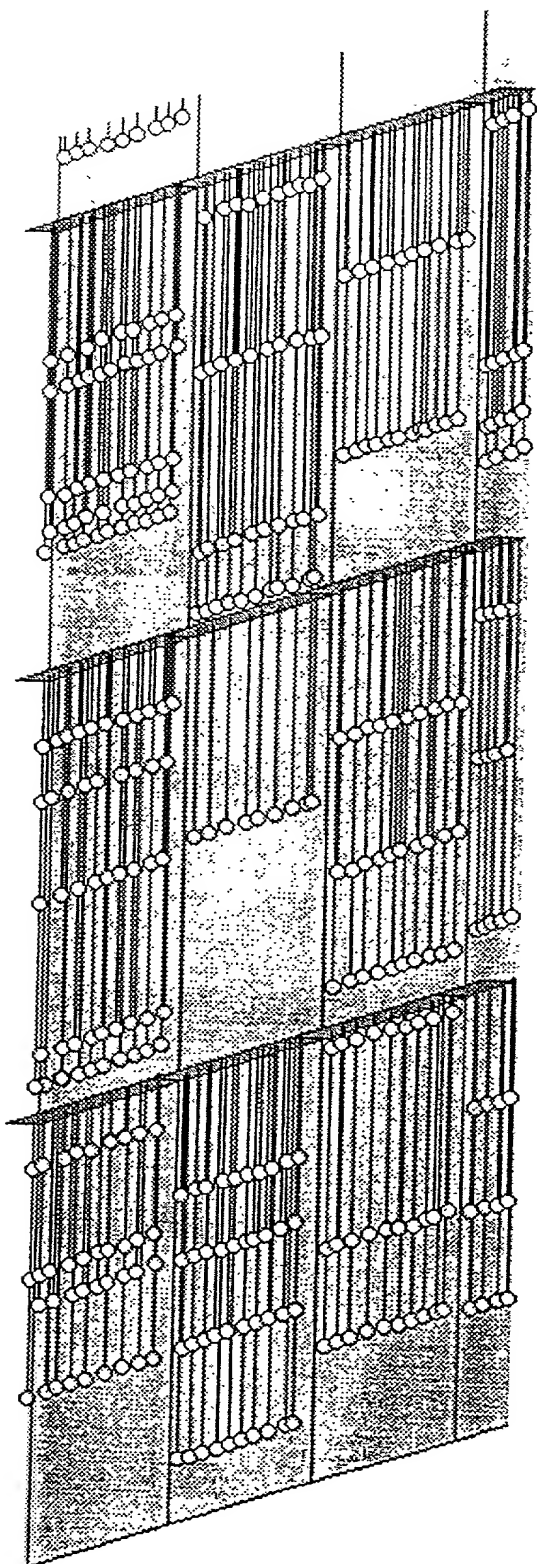


FIG. 13B

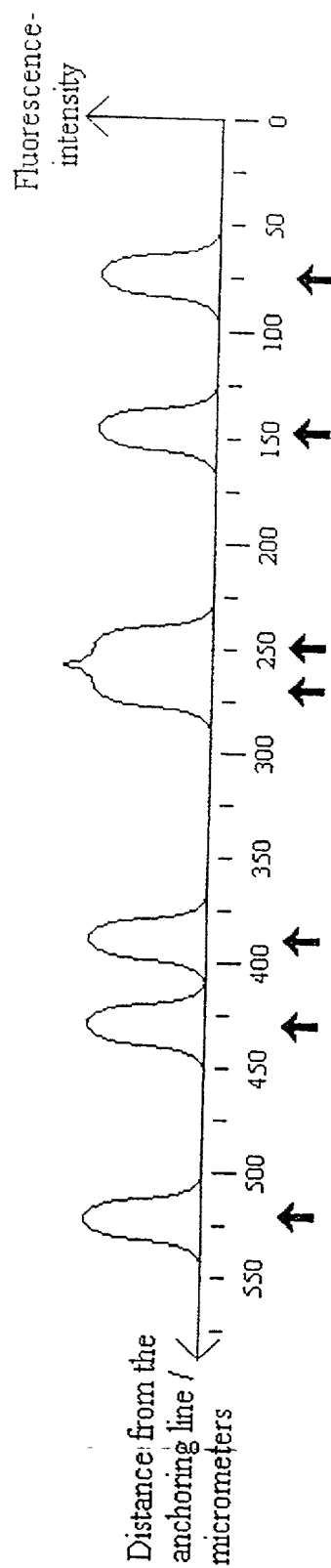


FIG. 13C

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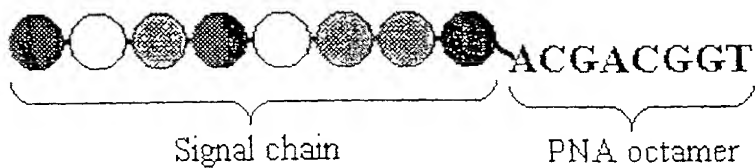


FIG. 14A

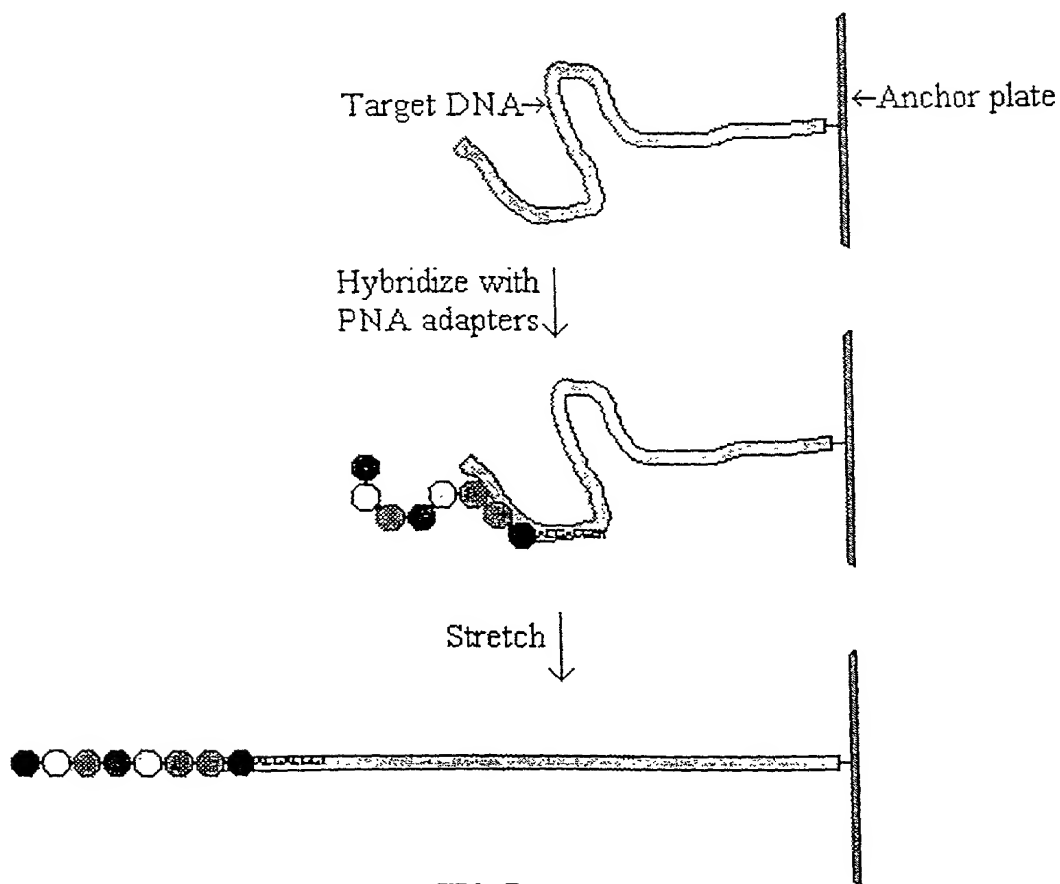


FIG. 14B

Anchor
plate
↓

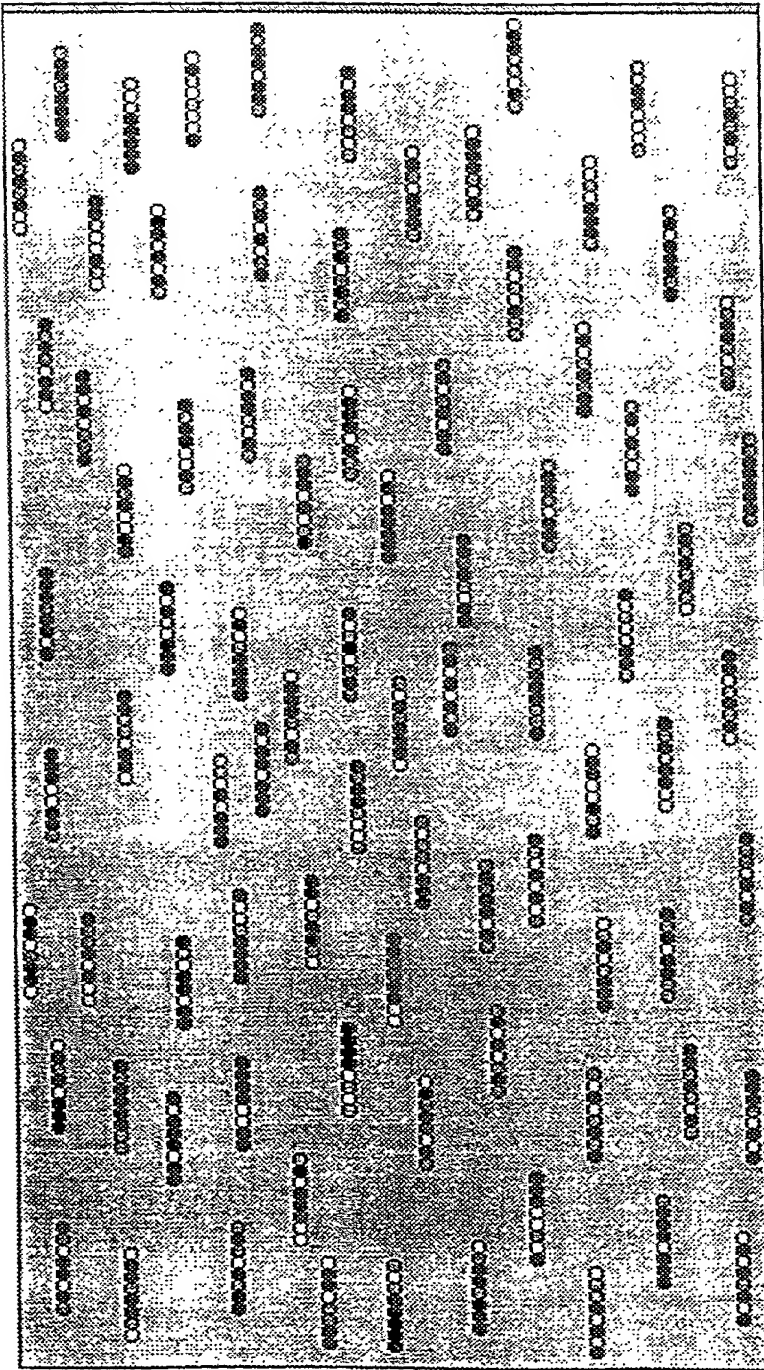


FIG. 14C

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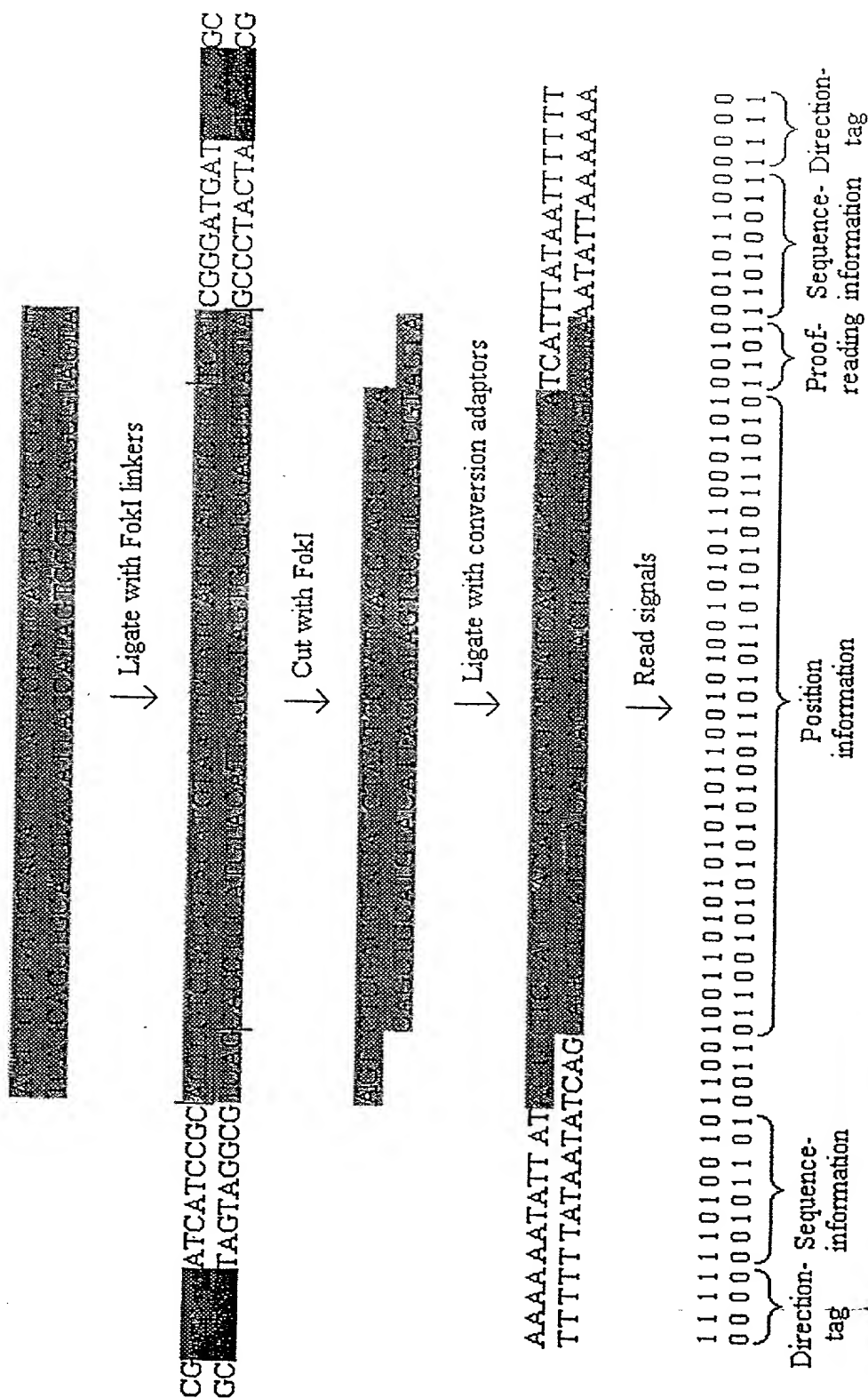


FIG. 15

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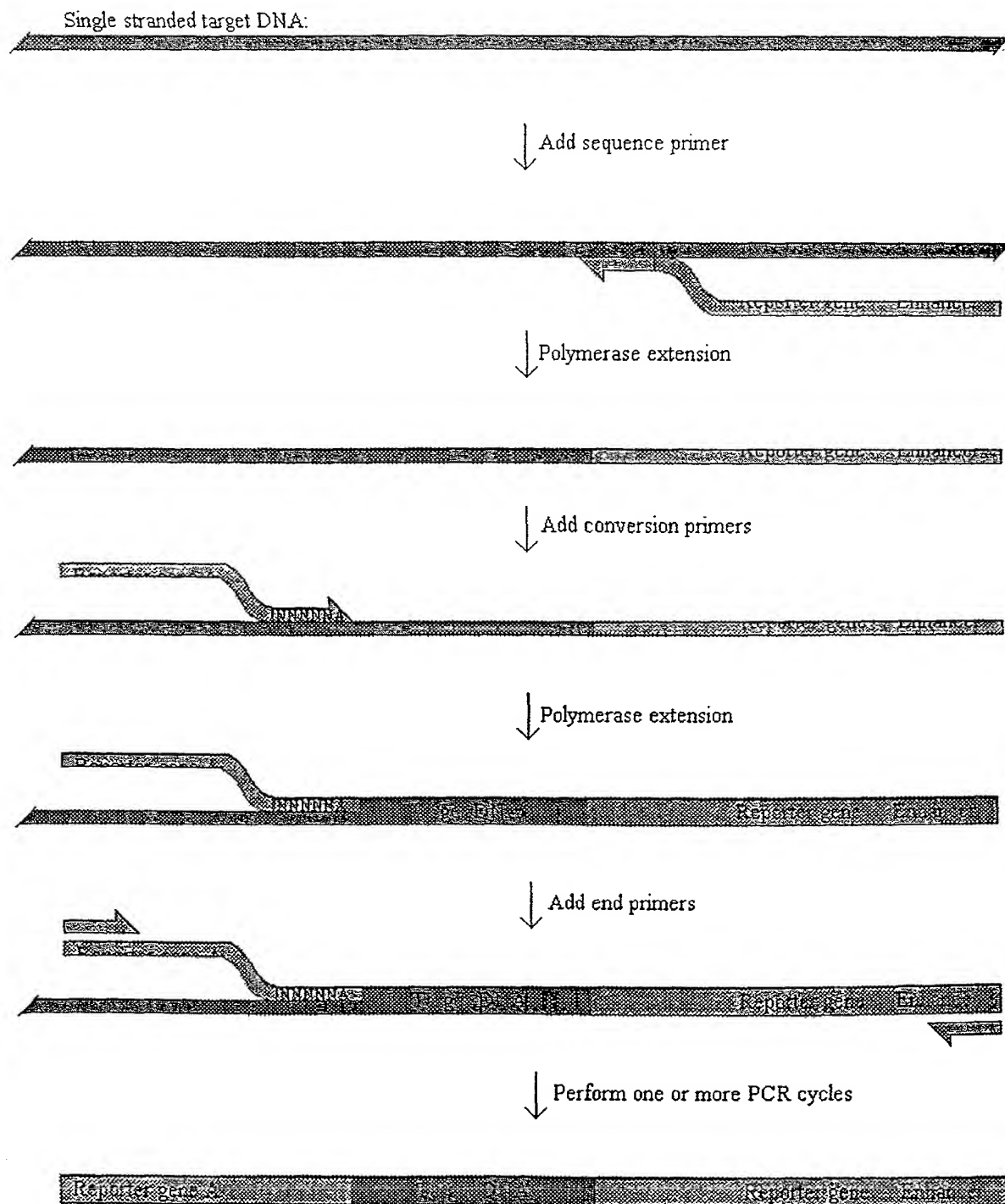


FIG. 16A

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Number of cells

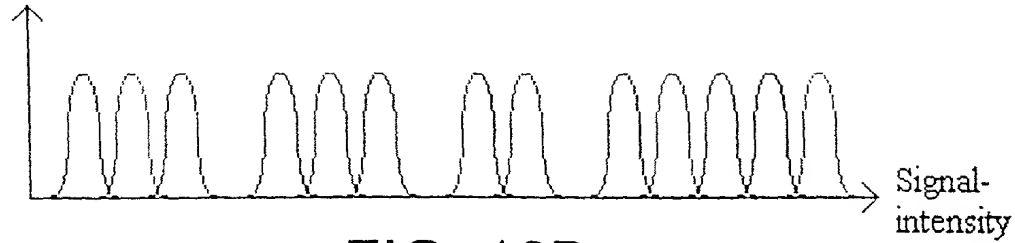
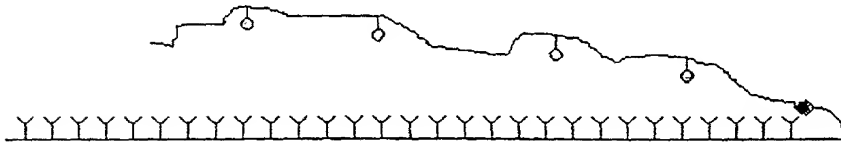
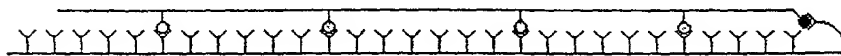


FIG. 16B

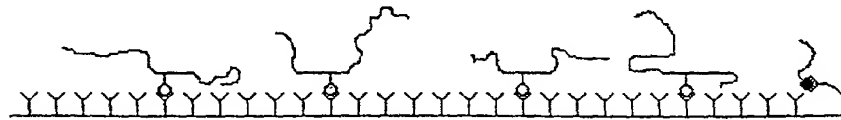
1)



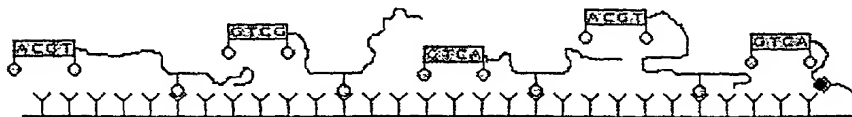
2)



3)



4)



5)

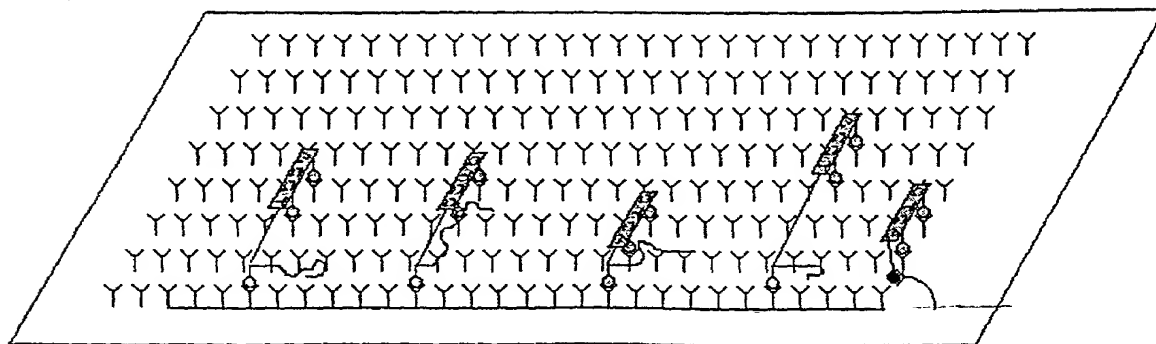


FIG. 18

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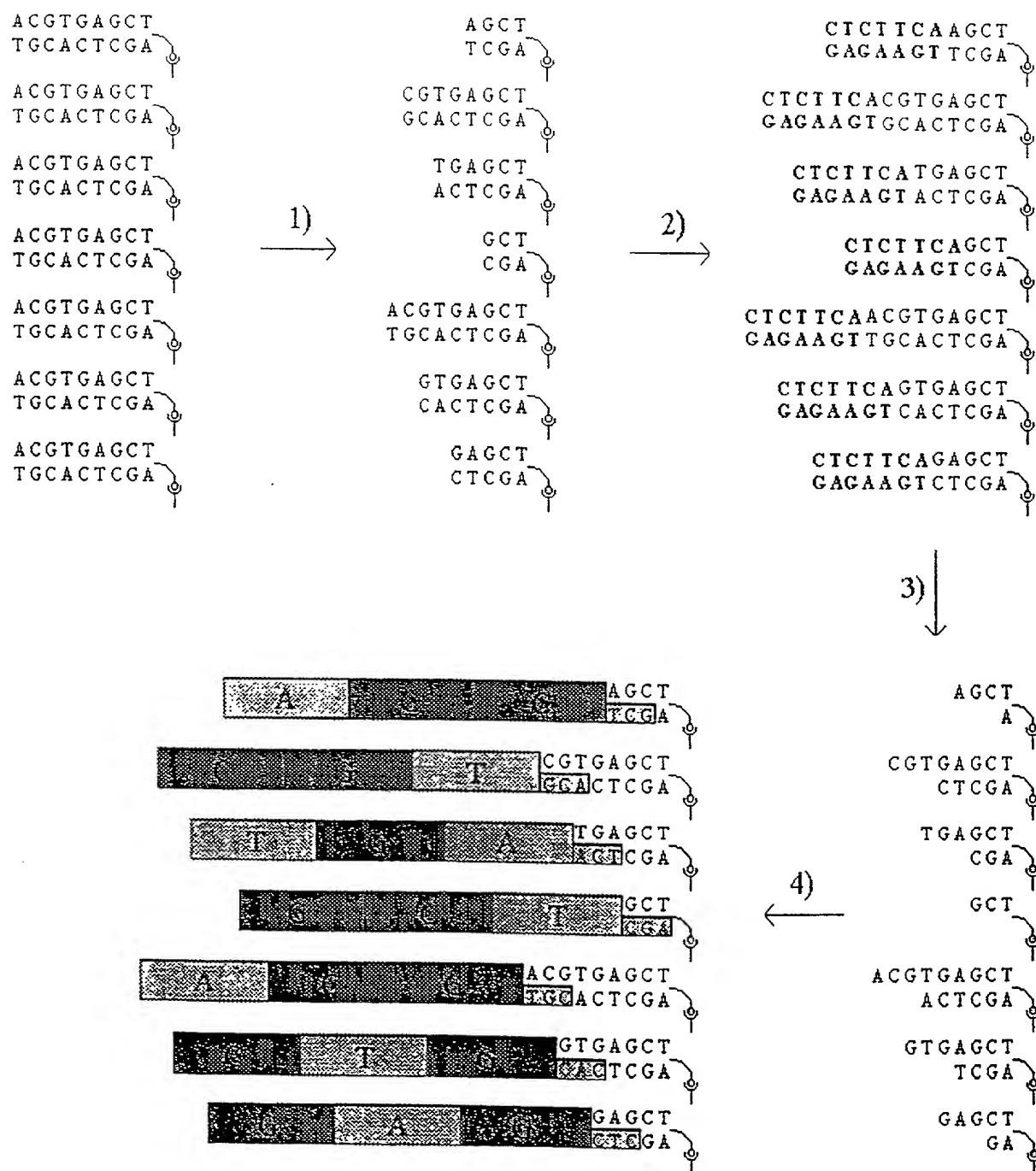


FIG. 17

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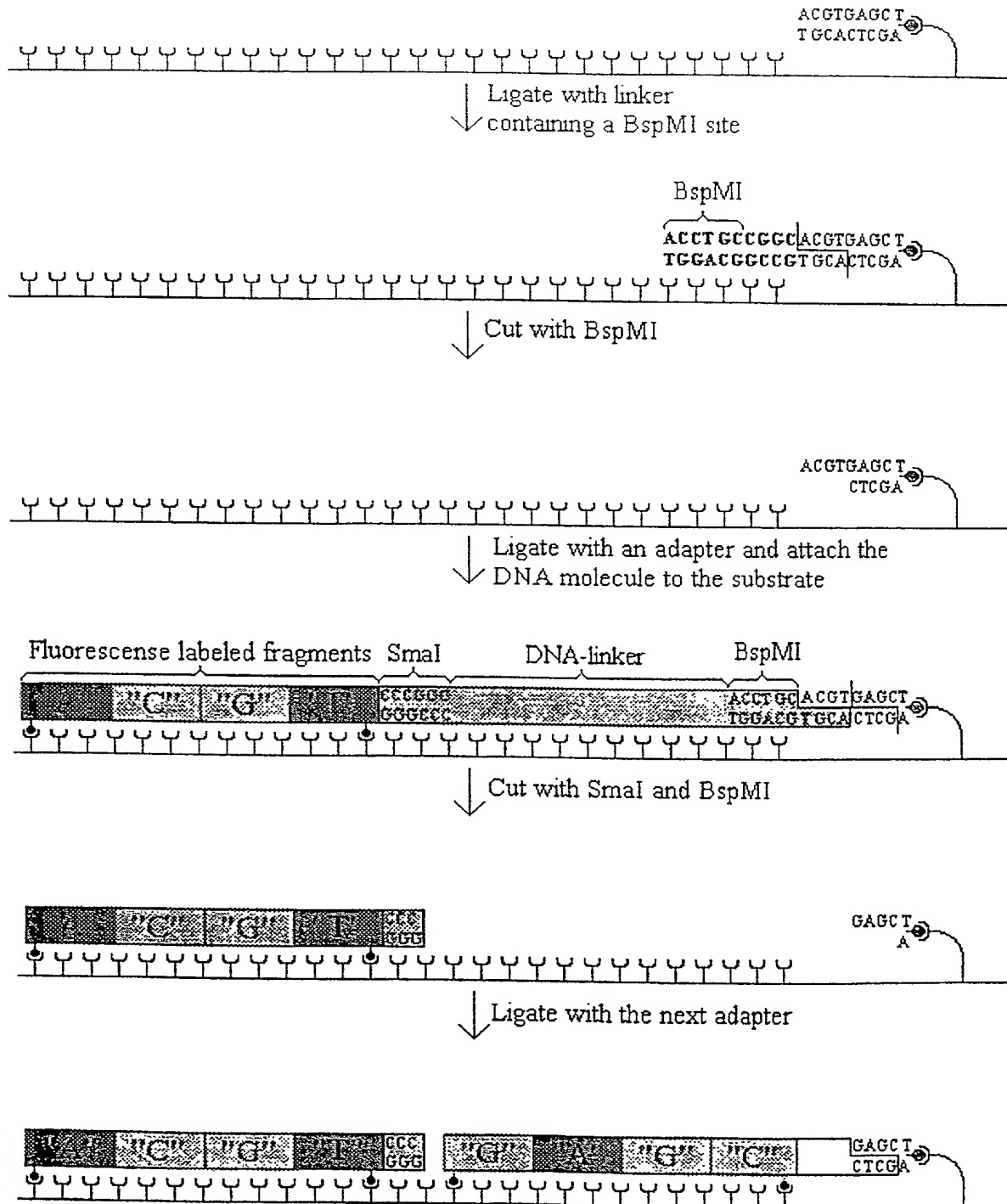


FIG. 19

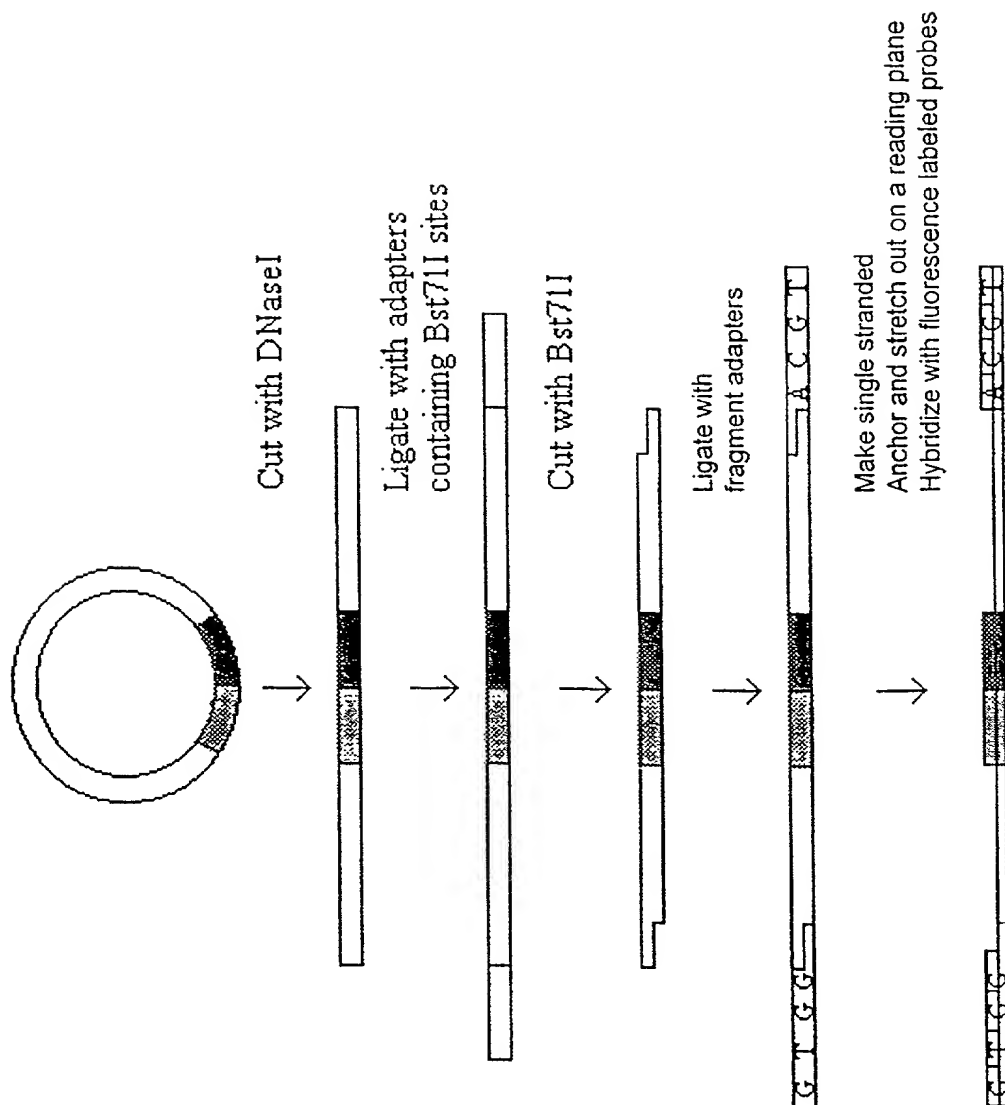


FIG. 20

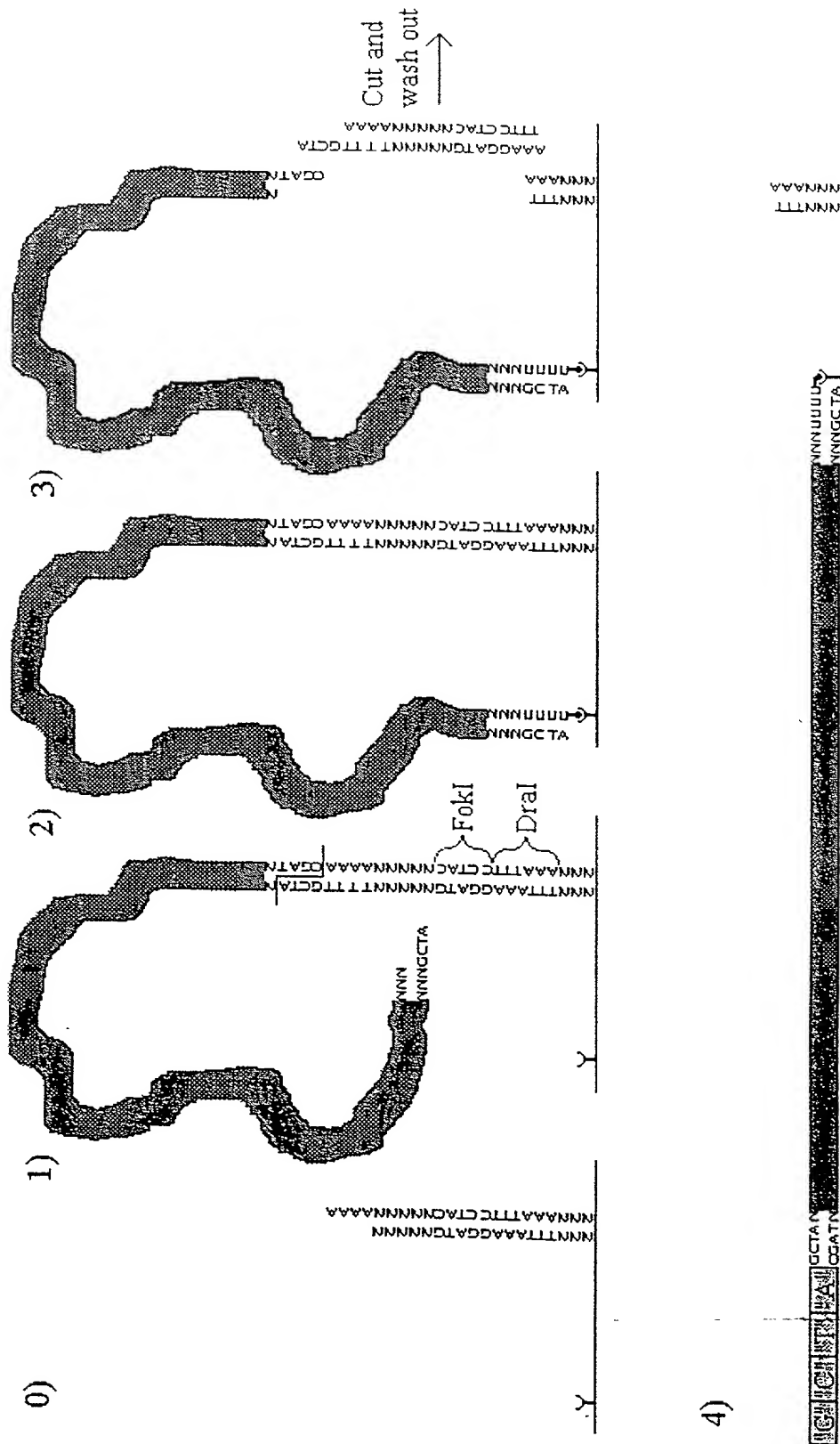


FIG. 21

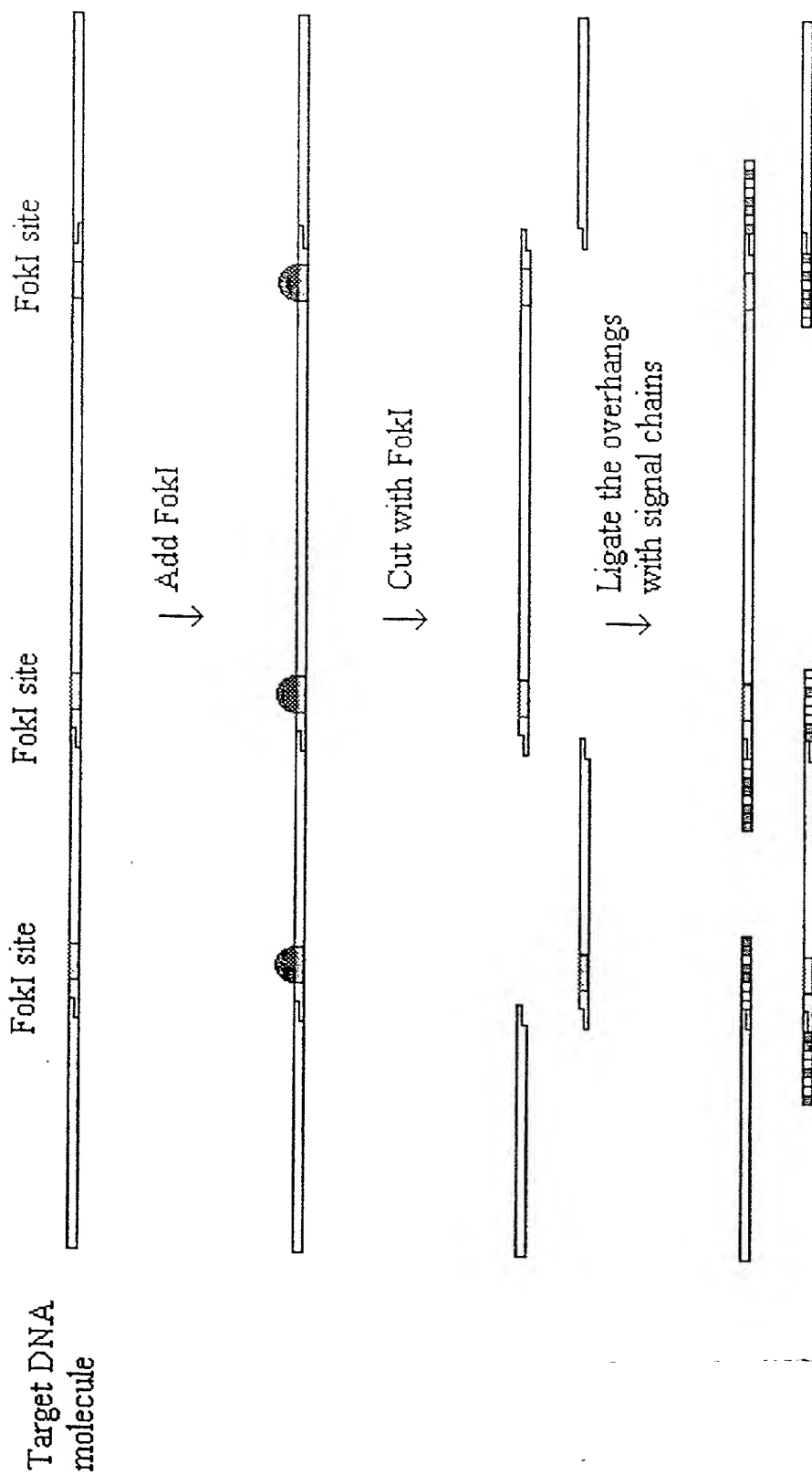


FIG. 22

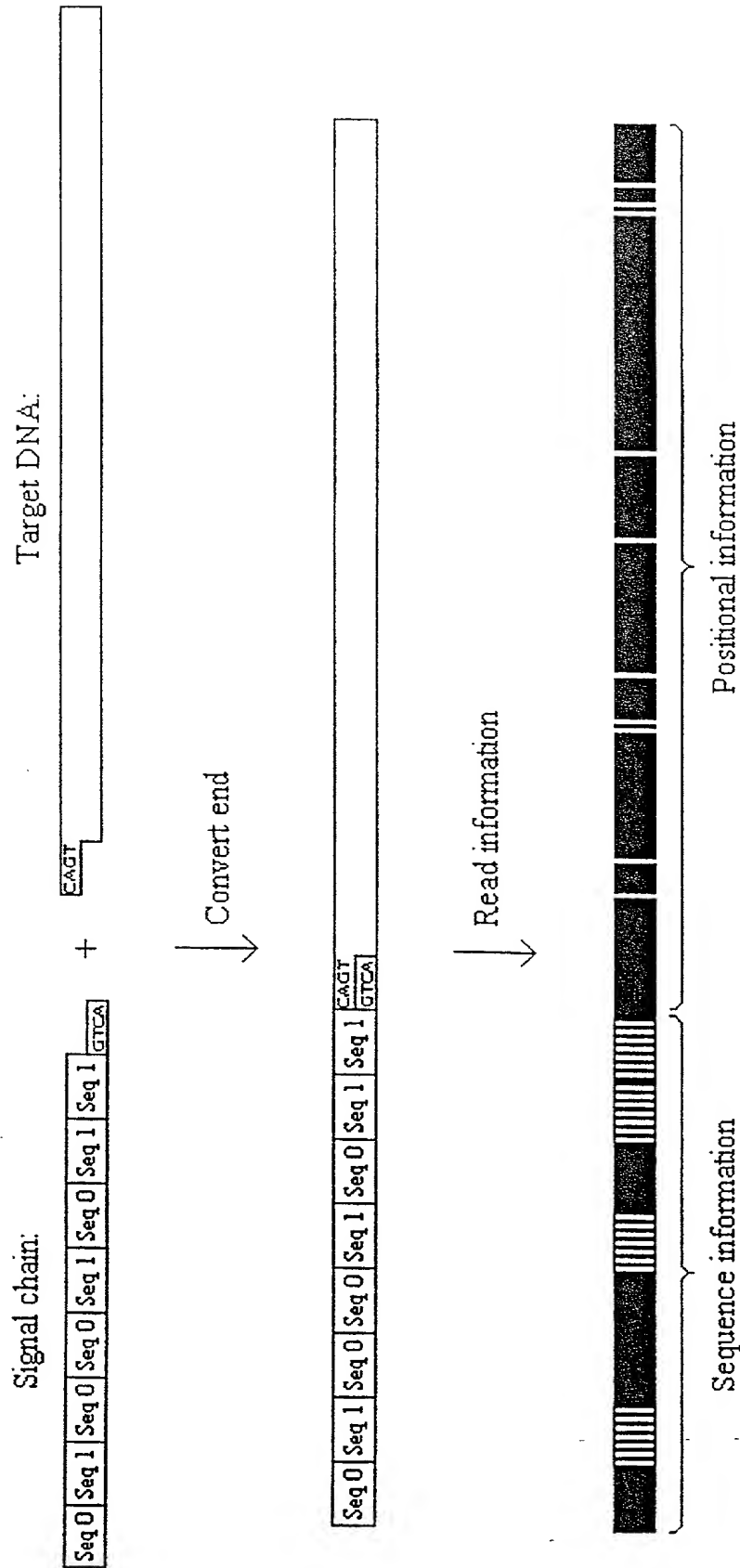


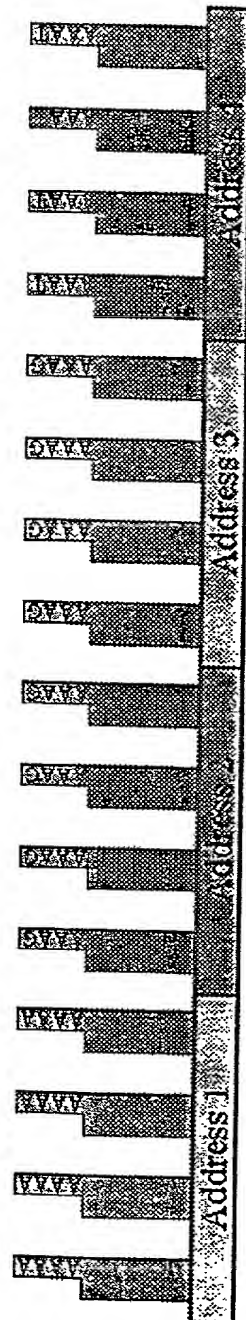
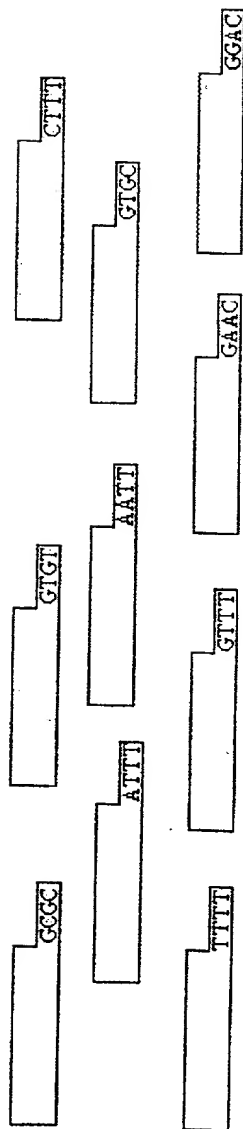
FIG. 23

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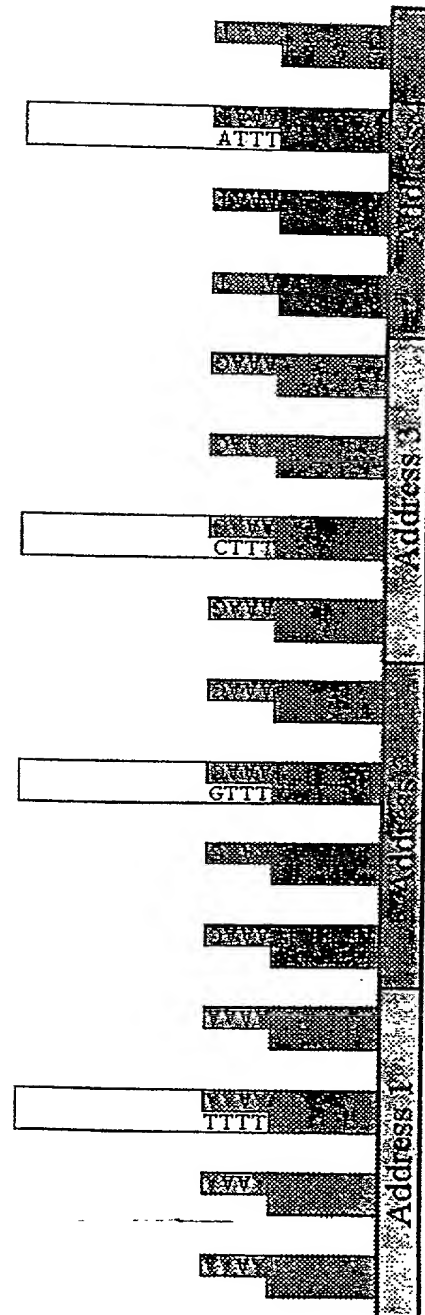
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FIG. 24



Ligation
↓



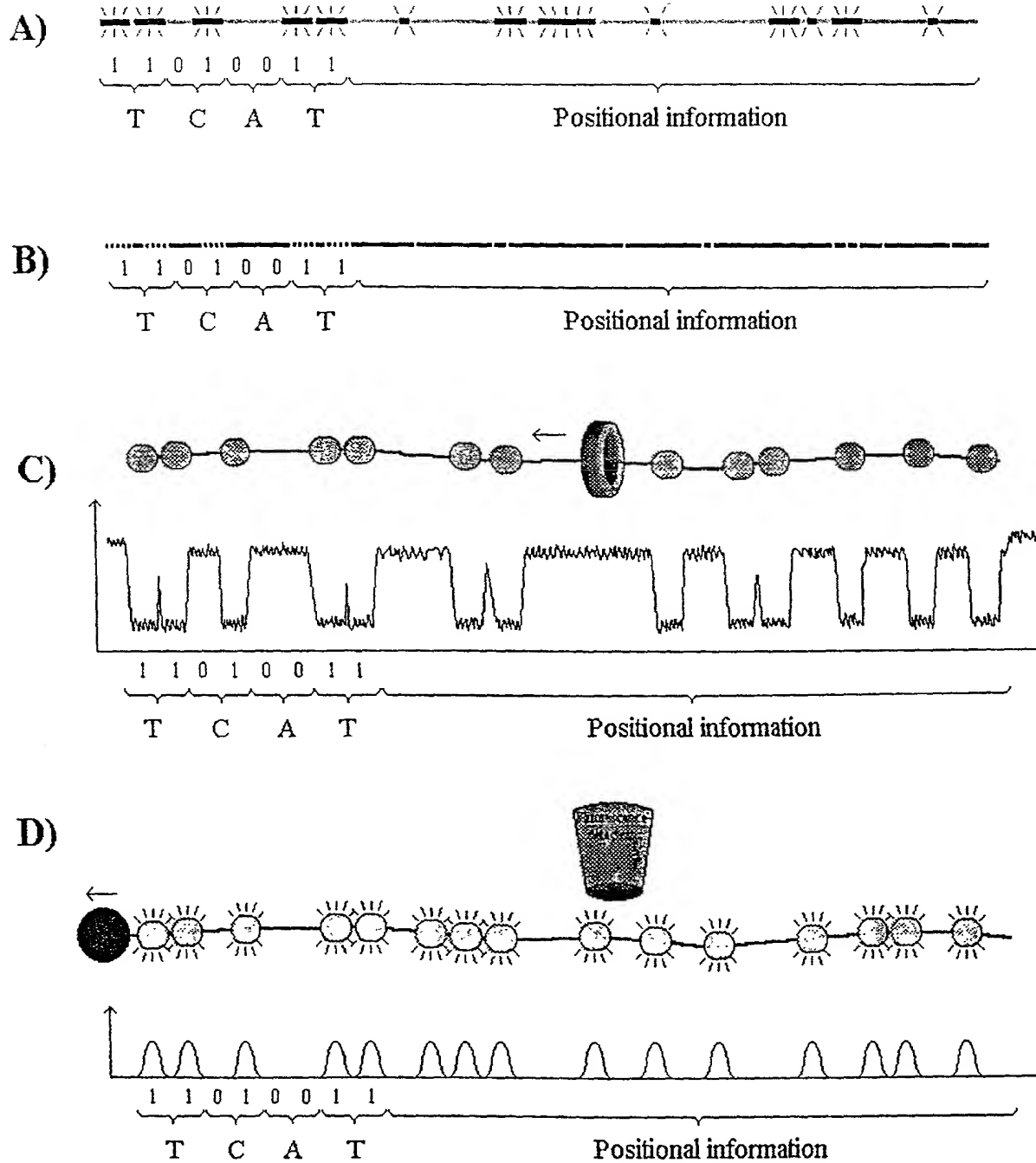


FIG. 25